



**CPAbooks**

*Release 14.0*

**CPAbooks**

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# CONTENTS

<b>1</b>	<b>About CPABooks Best Practices</b>	<b>3</b>
1.1	Why this CPABook? . . . . .	3
1.2	Credits . . . . .	4
1.3	License . . . . .	4
1.4	Updates . . . . .	4
1.5	About the Author . . . . .	4
1.6	Preface . . . . .	5
1.7	Page structure . . . . .	5
1.7.1	Problem statement . . . . .	5
1.7.2	Business case . . . . .	5
1.7.3	Configuration . . . . .	5
1.7.4	Video . . . . .	5
1.7.5	See also . . . . .	5
1.8	Conventions . . . . .	5
<b>2</b>	<b>Start with CPABooks Online</b>	<b>7</b>
2.1	Introduction . . . . .	7
2.2	Manage Instance . . . . .	8
2.2.1	Create first CPABooks instance . . . . .	8
2.2.2	Duplicate an CPABooks instance . . . . .	10
2.3	Mobile . . . . .	10
2.3.1	Access CPABooks on your mobile phone or tablet . . . . .	10
2.4	User and Features . . . . .	11
2.4.1	Manage users and access rights . . . . .	11
2.4.2	Access system settings using developer mode . . . . .	14
2.4.3	How to test upcoming features? . . . . .	15
<b>3</b>	<b>Customer Relationship Management</b>	<b>17</b>
3.1	Organize the pipeline . . . . .	17
3.1.1	Get organized by planning activities . . . . .	17
3.1.2	Manage lost opportunities . . . . .	19
3.1.3	Automatic leads assignation to team members . . . . .	22
3.1.4	Manage multiple sales teams . . . . .	24
3.2	Acquire leads . . . . .	28
3.2.1	Convert leads into opportunities . . . . .	28
3.2.2	Generate leads/opportunities from emails . . . . .	31
3.2.3	Generate leads/opportunities from your website contact page . . . . .	32
3.3	Marketing Activity . . . . .	35
3.3.1	Which marketing platform bring more visitors . . . . .	35
3.3.2	Measure which marketing campaign creates more opportunities . . . . .	37

3.3.3	Measure the score for an opportunity based on the user behavior on your website . . . . .	41
3.3.4	Assign leads based on scoring . . . . .	43
3.3.5	Email marketing on the lost activity to reactive them . . . . .	44
<b>4</b>	<b>Sales and Invoicing</b>	<b>47</b>
4.1	Introduction . . . . .	47
4.2	Setup CPAbooks Sales Application . . . . .	47
4.2.1	Video . . . . .	47
4.3	Sales Quotation . . . . .	47
4.3.1	Create your first quotation and offer 5% discount to a customer . . . . .	47
4.3.2	Send quotation by email and ask a customer to sign online . . . . .	48
4.3.3	Set default terms and condition on quotation . . . . .	48
4.3.4	Apply default taxes when creating new product . . . . .	48
4.3.5	Sections on quotation to separate the material and service . . . . .	50
4.4	Quotation Template . . . . .	50
4.4.1	Create quick quotation using quotation template . . . . .	50
4.4.2	Increase your sales with suggested products . . . . .	53
4.5	Discounts and Pricelist . . . . .	55
4.5.1	Apply manual discount on quotation . . . . .	55
4.5.2	Adapt product price based on customer segment (e.g. Retailer or Distributor) . . . . .	57
4.5.3	Adapt product price based on customer country or location (e.g. Price in € or \$) . . . . .	60
4.5.4	Compute and apply discount automatically based on the pricelist . . . . .	66
4.6	Unit of Measure . . . . .	69
4.6.1	Sell product in a multiple unit of measure . . . . .	69
4.6.2	Sell products by multiple of unit # per package . . . . .	69
4.6.3	Purchase meat in carton (~20kg/each), keep stock of cartons/kg and sell in carton or kg . . . . .	70
4.6.4	Purchase LED Lights in pack of 25pcs and sell single unit or pack of 25pcs . . . . .	70
4.7	Product and Tax . . . . .	70
4.7.1	Adapt prices for Business to Customer (tax included in product price) . . . . .	70
4.7.2	Adapt product prices for Business to business (tax excluded) and Business to Customer (tax included) . . . . .	71
4.8	Invoicing . . . . .	71
4.8.1	Send Pro-Forma Invoice to your customers . . . . .	71
4.8.2	Create invoice based on the delivered quantity . . . . .	71
4.8.3	Create credit note from sales order, when customer return the product . . . . .	72
4.8.4	Create single invoice from multiple sales orders . . . . .	72
4.9	Customer Portal . . . . .	72
4.9.1	Online customer approval on quotation . . . . .	72
4.9.2	Online customer approval and payment on quotation . . . . .	75
4.10	Delivery Charges . . . . .	79
4.10.1	Free delivery if order total is more than \$2000 . . . . .	79
4.10.2	Calculate shipping rates based on product weight . . . . .	81
4.10.3	Delivery price based on the area (zip code, state or country) . . . . .	84
4.10.4	Manage delivery price fluctuation, apply margin on the delivery charges . . . . .	84
4.11	Manage Inventory . . . . .	84
4.11.1	Create a purchase order for products based on sales order . . . . .	84
4.11.2	Choose different delivery location for specific customer orders . . . . .	85
4.11.3	Consignment stock transfer, raise an invoice when stock sold by the retailer . . . . .	85
4.11.4	Manage sell and buy-back of used product . . . . .	85
4.12	Service Product . . . . .	85
4.12.1	Create an invoice at milestone completion for a project . . . . .	85
4.12.2	Create task from sales order and invoice based on timesheet . . . . .	89
4.13	Subscription . . . . .	89
4.13.1	Set up recurring invoice, that help you to invoice regularly . . . . .	89



4.13.2	Sell subscriptions through sales quotation . . . . .	89
4.13.3	Sell subscription through eCommerce platform, receive payment through card (auto-debit) . . . . .	89
4.13.4	Increase quantity (prorate base) in subscription during middle of the month - upsell . . . . .	89
<b>5</b>	<b>Accounting and Finance</b>	<b>91</b>
5.1	CPAbooks Accounting . . . . .	91
5.1.1	Transcript . . . . .	91
5.2	The Accounting behind CPAbooks . . . . .	91
5.2.1	Double-entry bookkeeping . . . . .	92
5.2.2	Accrual and Cash Basis Methods . . . . .	92
5.2.3	Multi-companies . . . . .	92
5.2.4	Multi-currencies . . . . .	92
5.2.5	International Standards . . . . .	92
5.2.6	Accounts Receivable & Payable . . . . .	93
5.2.7	Wide range of financial reports . . . . .	93
5.2.8	Import bank feeds automatically . . . . .	93
5.2.9	Calculates the tax you owe your tax authority . . . . .	93
5.2.10	Inventory Valuation . . . . .	93
5.2.11	Easy retained earnings . . . . .	94
5.3	Customer Invoice . . . . .	94
5.3.1	Create first customer invoice and register payment . . . . .	94
5.3.2	Set due date on the invoice . . . . .	94
5.3.3	Match payment against an invoice . . . . .	94
5.3.4	Setup cash discounts when customer pay before the due date . . . . .	94
5.3.5	Reset invoice number for every new financial year or change every month . . . . .	94
5.4	Payment Terms . . . . .	95
5.4.1	Setup and use payment terms - 50% advance, balance in 30 days . . . . .	95
5.4.2	Define an installment plan on customer invoices (Use Payment terms) . . . . .	95
5.4.3	Warning message on credit limit reached and block further invoice when it cross limits . . . . .	95
5.5	Payment and Followups . . . . .	95
5.5.1	Different ways to record a payment . . . . .	95
5.5.2	Track uncleared customer check in bank statement . . . . .	95
5.5.3	Create invoice, receive and register partial payment on invoice . . . . .	95
5.5.4	Automate customer follow-ups with plans . . . . .	96
5.5.5	Receive advance payment from customer and match against invoice later . . . . .	96
5.5.6	Print customer ledger . . . . .	96
5.5.7	Reconcile customer invoice vs vendor bill . . . . .	96
5.6	Setup Accounting . . . . .	96
5.6.1	Setup Company Information, Bank Accounts and Fiscal Period . . . . .	96
5.6.2	Setup CPAbooks Accounting and Import opening balance . . . . .	96
5.7	Taxes and Duties . . . . .	97
5.7.1	Create a new taxes . . . . .	97
5.7.2	Apply default taxes on products or sales order . . . . .	98
5.7.3	Manage withholding taxes, ledger and payment to government . . . . .	100
5.7.4	Define product prices for Business to Customer (tax included) . . . . .	101
5.7.5	Manage product prices for B2B (tax excluded) and B2C (tax included) . . . . .	101
5.7.6	Apply tax based on local or export sales . . . . .	106
5.8	Credit Notes . . . . .	106
5.8.1	Reject customer invoice, which is not issued to customer . . . . .	106
5.8.2	Modify the confirmed customer invoice . . . . .	106
5.8.3	Refund a fully paid customer invoice . . . . .	106
5.8.4	Refund the partially paid invoice . . . . .	106
5.8.5	Setup the dedicated credit note or debit note sequence number . . . . .	106
5.9	Bank and Cash . . . . .	107

5.9.1	Bank Reconciliation in CPAbooks . . . . .	107
5.9.2	Manage the bank reconciliation process . . . . .	107
5.9.3	Split payment into multiple, allocate to multiple invoices during reconciliation . . . . .	107
5.9.4	Import bank statement (ofx format) and quick bank reconciliation . . . . .	107
5.9.5	Show a check in customers statement, when it gets clear in bank but not when deposited . . .	107
5.9.6	Add check bounce charges to customers outstanding, when our bank charge penalty to us . .	108
5.9.7	Transferring money from bank account to petty cash (Cash withdrawal) . . . . .	108
5.9.8	Manage batch deposits of checks . . . . .	108
5.9.9	Pay multiple employees salary through bank transit account (Bulk Salary Posting and Payment)	108
5.10	Multi Currency . . . . .	108
5.10.1	Prepare invoice in foreign currency . . . . .	108
5.10.2	Invoice and payment in foreign currency . . . . .	109
5.10.3	Foreign exchange gain or loss entry when invoice and payment in foreign currency . . . . .	109
5.11	Vendor Bills and Payments . . . . .	109
5.11.1	Purchase order to vendor bill, payment through check . . . . .	109
5.11.2	Register cash sales and expense in account . . . . .	109
5.11.3	Pay vendor bills by check and print check from CPAbooks accounting . . . . .	109
5.11.4	Pay several vendor bills at once . . . . .	109
5.11.5	Register partial payment while paying to multiple vendor bills . . . . .	110
5.11.6	Forecast future vendor bills to pay . . . . .	110
5.11.7	Create single vendor bill from multiple purchase orders . . . . .	110
5.11.8	Manage advance payment, employee expenses and reconciliation . . . . .	110
5.12	Analytic Accounting (Cost center) . . . . .	110
5.12.1	Compute the profitability for trading company . . . . .	110
5.12.2	Compute the profitability for service projects . . . . .	110
5.12.3	Profitability based on the service and material (Website development company) . . . . .	111
5.12.4	Compute the profitability for trading company, bulk purchase and retail sales . . . . .	111
5.13	Manual Inventory Valuation (Anglo-Saxons) . . . . .	111
5.13.1	Compute the inventory valuation and cost of goods sold using standard costing . . . . .	111
5.13.2	Compute the inventory valuation and cost of goods sold using fifo costing method . . . . .	112
5.13.3	Compute the inventory valuation and cost of goods sold using average costing method . . . .	113
5.14	Automatic Inventory Valuation (Anglo-Saxons) . . . . .	114
5.14.1	Automatic cost of cost goods sold when using standard costing method . . . . .	114
5.14.2	Compute cost of goods sold for a kit product using real price costing . . . . .	114
5.14.3	Compute cost of goods sold for a kit product using standard costing method . . . . .	114
5.15	Indian Localization . . . . .	114
5.15.1	Multiple tax included in price, i.e.Indian GST Tax . . . . .	114
5.15.2	Track tax deduction at source and certificate receivable, (customer invoice) . . . . .	115
5.15.3	Manage tax deduction at source, tax ledger, compute payable and pay through bank (vendor bill) . . . . .	115
5.15.4	Manage tax deduction at source (TDS) with accounting entries . . . . .	116
5.15.5	Adapt date format and currency separator according to Indian Localisation . . . . .	116
<b>6</b>	<b>Inventory Management</b>	<b>117</b>
6.1	Setup . . . . .	117
6.1.1	Import the opening stock in warehouse . . . . .	117
6.2	Product & Stock . . . . .	117
6.2.1	How to setup a minimum stock rule? . . . . .	117
6.2.2	Compute stock for the kit product based on the component stock . . . . .	117
6.2.3	Put your products in packs (e.g. parcels, boxes) and deliver them (detailed operation enabled)	118
6.2.4	Sell glass (125ml) of beers and manage the stock of beer bottles (750ml) . . . . .	118
6.2.5	Setup Indent management (internal material request) with CPAbooks stock application . . .	118
6.2.6	Reserve stock for preferred customer, deliver them when they place an order . . . . .	118
6.3	Delivery Order . . . . .	118

6.3.1	How to use different invoice and delivery addresses? . . . . .	118
6.3.2	How to amendment products on delivery order? (Installed only inventory application) . . . .	119
6.4	Incoming Shipment . . . . .	119
6.4.1	How to control product received? (Receive entirely & partially) . . . . .	119
6.4.2	How to transfer dairy products to fridge (cold storage) when it arrives to inventory? . . . .	119
6.5	Inventory Costing . . . . .	119
6.5.1	Compute the cost of product (standard price) . . . . .	119
6.5.2	Compute the cost of product (average costing) . . . . .	120
6.5.3	Compute the cost of product (first in first out method) . . . . .	121
6.5.4	Compute sell price and margin based on product cost price (AVCO costing method) . . . .	121
6.6	Inventory Valuation (Anglo-Saxons) . . . . .	122
6.6.1	Compute the inventory valuation and cost of goods sold using standard costing . . . . .	122
6.6.2	Compute the inventory valuation and cost of goods sold using fifo costing method . . . . .	123
6.6.3	Compute the inventory valuation and cost of goods sold using average costing method . . . .	124
6.7	Automatic Inventory Valuation (Anglo-Saxons) . . . . .	125
6.7.1	Automatic cost of cost goods sold when using standard costing method . . . . .	125
6.7.2	Compute cost of goods sold for a kit product using real price costing - CPAbooks . . . . .	125
6.7.3	Compute cost of goods sold for a kit product using standard costing method . . . . .	126
<b>7</b>	<b>Purchase Management</b>	<b>127</b>
7.1	Request for Quotation . . . . .	127
7.1.1	Create a Request for Quotation . . . . .	127
7.1.2	Create a purchase order when sale order confirms . . . . .	127
7.1.3	Setup two levels of approval for purchase orders . . . . .	127
7.1.4	Setup drop-shipping . . . . .	127
7.2	Supplier Pricelist . . . . .	128
7.2.1	Search by supplier product code or name on the request for quotation . . . . .	128
7.3	Purchase Exception . . . . .	128
7.3.1	Buy from new supplier when your default supplier reject the order (Drop-ship) . . . . .	128
7.3.2	Cancel the confirmed purchase order . . . . .	128
7.4	Vendor Bills . . . . .	128
7.4.1	Control vendor bills, pay vendor bills based on reception . . . . .	128
7.5	Purchase Agreement . . . . .	128
7.5.1	Manage bulk purchase through tender process . . . . .	128
7.5.2	Purchase partially from two vendors for the same purchase tender . . . . .	129
7.6	Inventory Costing . . . . .	129
7.6.1	Compute the cost of product (standard price) . . . . .	129
7.6.2	Compute the cost of product (average costing) . . . . .	130
7.6.3	Compute the cost of product (first in first out method) . . . . .	130
7.6.4	Compute sell price and margin based on product cost price (AVCO costing method) . . . .	131
7.7	Advance Topics . . . . .	132
7.7.1	Sell or refill the chemical products in container . . . . .	132
<b>8</b>	<b>Point of Sale</b>	<b>133</b>
8.1	Point of Sale . . . . .	133
8.1.1	Use customers on point of sale and access the customer ledger . . . . .	133
8.1.2	Create a customer invoice for selected orders on Point of Sale . . . . .	133
8.1.3	Launch a limited period offers on Point of Sale . . . . .	133
8.1.4	Manage cash round-up or down at Point of Sale cash payment . . . . .	134
8.1.5	Apply discount on specific product price or on order value . . . . .	134
8.1.6	Retain your walk-in customers, setup customer retention program (loyalty program) . . . .	134
8.1.7	Sales return through Point of Sale . . . . .	134
8.2	Session Management . . . . .	135
8.2.1	How to print z-report from CPAbooks point of sale? . . . . .	135

8.2.2	Print z-report at the end of the day for each terminal separately and grouped . . . . .	135
8.3	Barcode Scanner . . . . .	135
8.3.1	Scan weight of the product through barcode in Point of sale . . . . .	135
8.3.2	Scan product price through barcode in Point of Sale (Dynamic pricing without pricelist) . .	136
8.3.3	Scanning manufacturer barcode at Point of Sale (Scan same product for multiple barcodes) .	136
8.4	Accounting . . . . .	137
8.4.1	How to do credit sale through the point of sale . . . . .	137
8.4.2	How to pay invoice through wallet in Point of Sale? . . . . .	137
8.4.3	Sales return through Point of Sale terminal, receive product and return cash . . . . .	137
8.4.4	Sales return through Point of Sale terminal (working with customer invoice and credit note) .	137
<b>9</b>	<b>Project Management</b>	<b>139</b>
9.1	Project & Task . . . . .	139
9.1.1	How to create task from sales order and invoice based on timesheet? . . . . .	139
9.1.2	Create default stages in the project created through Sales order . . . . .	139
9.1.3	How to gather feedback from customers? . . . . .	139
9.1.4	Create a website development project when customer confirm the project . . . . .	139
9.1.5	Check the profitability for project, compare the sales price vs employee expense . . . . .	140
9.2	Timesheet . . . . .	140
9.2.1	How to record time spent on Task and Project? . . . . .	140
9.2.2	Record time spent using Awesome Timesheet - Chrome plugin . . . . .	140
9.3	Helpdesk . . . . .	140
9.3.1	Managing service tickets and service contracts . . . . .	140
9.4	Customer Portal . . . . .	140
9.4.1	How to allow the customer to view timesheet on their task and projects? . . . . .	140
<b>10</b>	<b>Manufacturing</b>	<b>141</b>
10.1	Inventory . . . . .	141
10.1.1	How to issue material to factory location to start manufacturing order? . . . . .	141
10.1.2	Manage stock of liquid products in warehouse (unit vs ml) . . . . .	141
10.1.3	Compute stock for the kit product based on the component stock . . . . .	141
10.2	By-Products . . . . .	141
10.2.1	Wooden, Glass or Plastic sheet consumption during the manufacturing process . . . . .	141
10.3	Subcontracting . . . . .	142
10.3.1	Setup subcontracting in manufacturing process . . . . .	142
10.3.2	Partial receipt of material and bill from subcontractor . . . . .	142
10.3.3	Flexible MRP flows, procure semi-finish material from subcontract or manufacture or purchase	143
10.3.4	Setup subcontracting in manufacturing process (Dropship Material) . . . . .	144
10.3.5	Subcontracting process for contractors . . . . .	157
<b>11</b>	<b>Human Resource</b>	<b>165</b>
11.1	Employee . . . . .	165
11.1.1	Show organizational chart on employee form . . . . .	165
11.1.2	Managing Employee Leaves . . . . .	165
11.2	Employee Expense . . . . .	172
11.2.1	Manage advance payment, employee expenses and reconciliation . . . . .	172
<b>12</b>	<b>Website and eCommerce</b>	<b>173</b>
12.1	Website . . . . .	173
12.1.1	How to generate leads or opportunities through website contact us page? . . . . .	173
12.2	Products . . . . .	173
12.2.1	How to configure product variants that looks perfect on eCommerce page? . . . . .	173
12.2.2	Ordering products, variant attribute and values on the products page . . . . .	173
12.3	Delivery Cost . . . . .	173
12.3.1	Allow your customer to choose Normal or Express delivery at checkout . . . . .	173

12.3.2	Show delivery methods depending on the customer address . . . . .	174
12.4	Sales and Payment . . . . .	174
12.4.1	Sell subscription through eCommerce platform, receive payment through card (auto-debit) .	174
12.4.2	Selling subscription plans over an eCommerce platform . . . . .	174
<b>Index</b>		<b>175</b>



This book is dedicated for entrepreneur who wants to implement all-in-one business application out-of-the box for their business.

**CPAbooks Best Practices Book** is an online book written based on Community and Enterprise Edition. This book covers best implementation practice for most used applications such as Sales, Purchase, Inventory, Financial Accounting and Manufacturing.

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- *Table of Content*
- `genindex`





## ABOUT CPABOOKS BEST PRACTICES



CPAbooks Best Practices book is dedicated for functional consultants or entrepreneur who wants to implement or use CPAbooks online Cloud ERP all-in-one business services.

application out-of-the box. This is an online book written based on **CPAbooks Cloud ERP Community and Enterprise** Edition.

This book covers best implementation approach for most used applications such as Sales, Purchase, Inventory, Financial Accounting, Manufacturing, Project Management, Logistic Services, Facilities Management CRM and Payrolls.

### 1.1 Why this CPAbook?

#### **\*WHY CPAbooks ERP?\***

**Cloud Base Product** Can be accessed from anywhere any time.

**Browser Based Functionality** Can be accessed in Desktop, Laptops, Tablets , Mobile Phones compatible with all above devices with any operating system.

**Fast and Easy Implementations** With user-friendly architecture ERP can be implemented with-in days and weeks depending on the size of organizations.

**User authorization and Access Rights** User authorization can be defined at functional and transactional level.

**Transaction Approval Matrix** User authorization for documents approval can be defined at functional and transactional level with amount restrictions.

**Restriction of online Access** User rights of access can be restricted with reference to IP addresses to access the ERP.

**Robust Reporting** Number of inbuilt reports with business analytics.

**Customizable Solution** ERP can customize as per specific requirement of the user

**Fully Secured Environment** Extra security features for data and access security

## 1.2 Credits

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## 1.5 About the Author

**Abdus Stm SENIOR FINANCE & BUSINESS PROFESSIONAL** Over 24 years' rich, cross-cultural experience in Global Multi-Million Dollar organizations with impressive success in Business strategic & financial planning, financial control, accounting functions, ERP Development & Implementations. During his professional and business career, he has played various roles such as CEO, ERP Development Project Manager, General Manager, Finance Manager, Senior officer, Chief Accountant, Managing Director, Junior Accountant, Financial Advisor and all across State of Qatar, Kingdom of Saudi Arabia, Bangladesh & United Arab Emirates (Abu Dhabi & Dubai). He worked with EMCOR UK (Plc) Qatar, EFS Facilities Services Saudi Arabia, Scholastica Group, Bangladesh, EFS Facilities Services Abu Dhabi, EFS Facilities Services Dubai, Al Ishraf Electrical Contracting LLC, Macrobert Associates FZE & CPAbooks IT Middle East.

## 1.6 Preface

The CPAbooks online book covers the implementation best practices and approach to configure the business applications out-of-the-box. With this approach you can configure your CPAbooks online instance or CPAbooks.sh or locally installed CPAbooks on your server.

## 1.7 Page structure

Each single page on this book have the real time business case and how that business can be configure with CPAbooks standard features. The page divides in the specific sections, each sections give you enough information to solve the business problem. The major sections as below.

### 1.7.1 Problem statement

The page has a single line problem statement such as “Create my first quotation”, give you brief information about the business situation, where it uses and which business requires to deal with such situation. Most of the problem statement are “how to ..” questions.

### 1.7.2 Business case

This section gives you a real-life business case.

### 1.7.3 Configuration

this sections give you a step-by-step configuration, that help you to fit the real-life business problem in CPAbooks using the standard features. Some of the page give you steps to configure the options.

### 1.7.4 Video

This section gives you a link on the PDF or embedded videos on the online book, that shows you the detailed configuration steps and the steps to execute the business case. You can get access to all the videos used in this book at **Youtube** <https://www.youtube.com/channel/UCcKKLLJw18jXPktPMx7HnoA> >`\_.

### 1.7.5 See also

This section has the useful links to the related business cases.

## 1.8 Conventions

There are different text styles, that used to differentiate the informations, like **Bold text** used to name any screen label, menus, or static information available on the screen while *Italic text* always represents the value.

Images are used to illustrate the confirmation or result, you can understand the topics explain about the which business features and configuration.



## START WITH CPABOOKS ONLINE

### 2.1 Introduction

**CPAbooks** is a fast-growing With its cloud-based hosting and browser base functionality CPAbooks-ERP can be accessed from anywhere, any device with any operating system. With its integrated modular functionalities covering all business processes made it the most preferred ERP. It's a cost effective, simple and scalable solution efficiently suitable for small to large business enterprises. It has added security features like IP address restriction to protect the data from unauthorized access. It became the world's most downloaded and used business application software, with more than 5 million users worldwide. According to Wikipedia, CPAbooks is an all-in-one management software that offers a range of business applications that form a complete suite of enterprise management applications. The CPAbooks solution is ideal for SMEs, but fits both small and large companies alike. CPAbooks is an all-in-one business software capable of covering all business needs, including CRM, website/e-commerce, billing, accounting, manufacturing, warehouse, project management, and inventory, all seamlessly integrated.

---

**Tip:** In 2016, Abdus Stm, the Founder and CEO of CPAbooks, started to develop his first software product, Tiny ERP Mcrobert Associates. Later in the beginning of 2018 it was renamed to CPAbooks, in May 2019, the company was renamed CPAbooks, a name that has no restrictions and can allow the company to grow in whichever direction.

---

CPAbooks offers two different versions of the Cloud solution; CPAbooks Enterprise and CPAbooks Community Edition. The community edition is free to download and can be used anywhere. The Enterprise edition comes with many out of the box applications, unlimited support software support, migration service. The Enterprise edition can be available as CPAbooks Online SaaS (Software as a Service) or on CPAbooks or you can install on your private server too.

The CPAbooks Online version is hosted on a cloud, and the first app is offered for free for unlimited users. After the first app, there is a fixed monthly subscription fee for the number of apps installed and the number of users. The Community version is the open source version and available for free to use on your own server.

Today, more and more companies are choosing to host their business application on an CPAbooks online cloud platform, it is too costly for the companies to host their business application on local hardware. This approach requires not only a lot of capital to buy hardware and software licenses, but also creates a lot of responsibilities and risk in backing up data and ensuring stability of the business application.

Let's see, how to implement the most useful business application with step-by-step configurations on CPAbooks online platform or your own server.

## 2.2 Manage Instance

### 2.2.1 Create first CPAbooks instance

Accessing the CPAbooks online SaaS version could be very simple across all its different platform available. To start using the CPAbooks online version you need web browser.

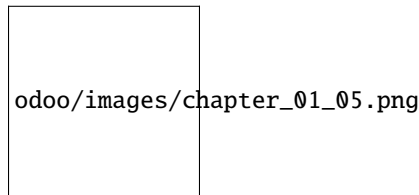
---

**Tip:** CPAbooks is a web based business application designed to run on various modern web browsers. Supported web browsers included

- Google Chrome (recommended)
  - Firefox
  - Safari
- 

#### Signup at CPAbooks.com

Make sure that before create a new instance, you have an account at CPAbooks, if not please create an account, visit <https://www.cpabooks.org/web/signup> to create a new account.



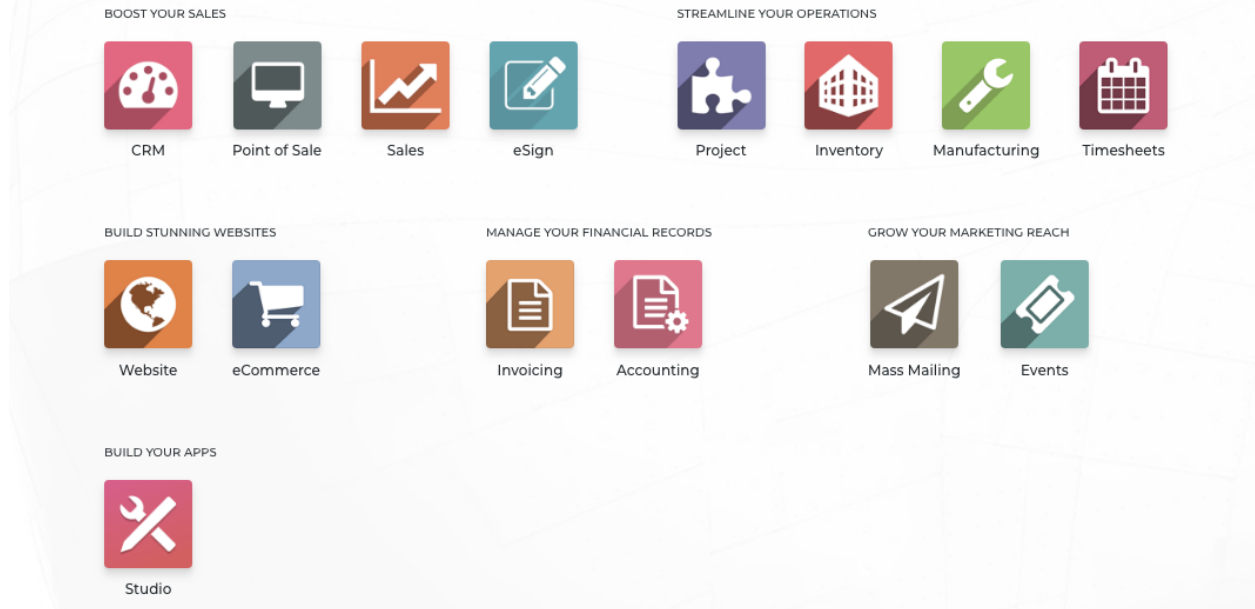
#### Create an instance

You can start with one application, the first application you start is free for unlimited users or you can continue the additional applications on the monthly subscription basics.

Login into CPAbooks, open the link <https://cpabooks.org/demo> and choose your first application you would like to start with, I choose CRM application to start with.

# Choose your first App

Using one App is **FREE** for unlimited users.



You will be asked to enter your name, email and phone number, the company name decide what will be your sub-domain on CPAbooks. I have entered **My Company**, the subdomain allocated me is CPAbooks, however you can change the subdomain by clicking on it.

## Activate an instance

The first screen you will get on successful instance creation is your home screen. The list of apps will be installed and appeared based on first selected app.

odoo/images/chapter\_01\_06.png

The instance has to be activated with in 4 hours to keep it running forever, else it will be expired in next 4 hours and you may lose changes made to an instance.

**Tip:** You may lose the data and instance, if you have not activated within 4 hours. If you not receive an email, click on **Activate** by email link to resend the activation email.

## Video

Let's see how to get start with the first free application, activate it and start using the CPAbooks online instance. Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 2.2.2 Duplicate an CPAbooks instance

It is advisable to make a duplicate copy of the production database before you change the configuration or try to implement the new feature. You can be sure that production environment will remain stable while working with the test instance. On CPAbooks online you can create as many as test instance you want. You can create a test instance:

- Before you change anything using Studio App
- To get a test drive for the new features
- To Test the complex configuration
- To test the user acceptance, before you push new feature into production

**Danger:** Make sure that you verify the url on your browser before you change any configuration of your instance.

Let's see how you can create a test instance before to change any configuration on your production instance. Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

## Video

## 2.3 Mobile

### 2.3.1 Access CPAbooks on your mobile phone or tablet

The first CPAbooks mobile application was launched with the release on CPAbooks 10. Beginning of the CPAbooks 9, CPAbooks have started to adapt the mobile compatible design which will perfect for the desktop and mobile view, different types of views and menus are designed to flow and format properly on mobiles and tablets.

CPAbooks has also released an iOS mobile application along with the release of CPAbooks version 11. Today CPAbooks support mobile application for Android and iOS both mobile based operating systems. You can download the CPAbooks official mobile application from their respective apps stores for Android download it form Google Play store and for iOS download it form Apple apps store.

**Warning:** CPAbooks mobile application is not support with the CPAbooks community version. Only CPAbooks Enterprise and CPAbooks Online versions are compatible with Android and iOS mobile applications.

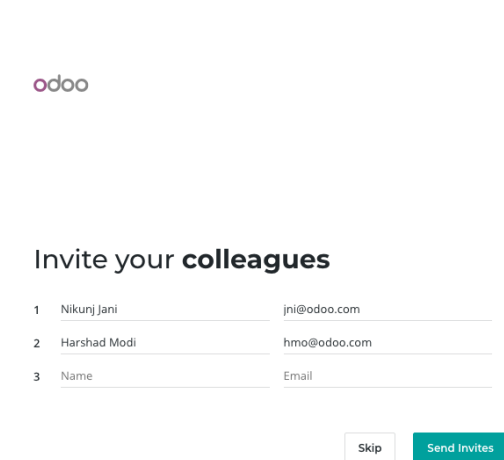
Let's see the installation of mobile application on Android based mobile, connect it with the CPAbooks online platform or locally hosted instance and get an access to all the CPAbooks applications on your mobile.



## 2.4 User and Features

### 2.4.1 Manage users and access rights

You have an opportunity to invite your colleagues to sign up on the instance during the activation process, you may see the below screen during the signup.

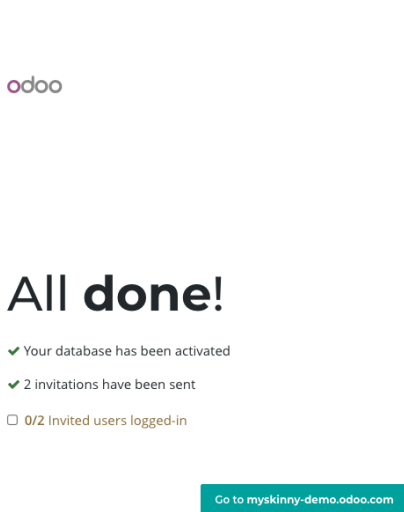


	Name	Email
1	Nikunj Jani	jni@odoo.com
2	Harshad Modi	hmo@odoo.com
3	Name	Email

[Skip](#) [Send Invites](#)



Enter the Name and Email address of your colleagues and click on the Send Invitation button.



**All done!**

- ✓ Your database has been activated
- ✓ 2 invitations have been sent
- ❑ 0/2 Invited users logged-in

[Go to myskinny-demo.odoo.com](#)



## Create user

You can create a user manually or import the list of users (email address) to signup. You can create an unlimited users as soon as you are using single application.

You need name and email address to send the signup invitation email. The email will be sent automatically with signup link, when you create a new user.

Dashboard / Users / Nikunj Jani

**SAVE** DISCARD

3 / 4 < >

SEND AN INVITATION EMAIL

Remember that each user will increase your monthly fee. Check out pricing on [www.odoo.com/pricing](http://www.odoo.com/pricing).

✓ Active

An invitation email containing the following subscription link has been sent:  
[https://myskinny-demo.odoo.com/web/reset\\_password?token=i89WGwmFihpJR5KB1GFT&db=myskinny-demo](https://myskinny-demo.odoo.com/web/reset_password?token=i89WGwmFihpJR5KB1GFT&db=myskinny-demo)

Name  
**Nikunj Jani**

Email  
 jni@odoo.com

Access Rights Preferences

Application Accesses

Sales	Manager	▼
Inventory	Manager	▼
Accounting & Finance	Advisor	▼
Purchases	Manager	▼
Employees	Manager	▼

**Tip:** Make sure that you assign correct access rights before you create the new user. Either user have a full access or user may not be able to access certain features when access rights are not configured properly.

All the users with status NEVER CONNECTED shows that, they did not sign up, verify the Email address is correct incase, if they did not receive signup email.

## Change access rights

CPAbooks assign full (manager for all the applications) access rights to all users created through invitation during activation, you may review their access rights on the user form and change if needed.

✓ Active

Name  
**Nikunj Jani**

Email  
jani@odoo.com

Access Rights

Preferences

### Application Accesses

Sales	Manager	▼
Inventory	Manager	▼
Accounting & Finance	Advisor	▼
Purchases	Manager	▼
Employees	Manager	▼
Expenses	Manager	▼
Helpdesk	Manager	▼
Administration	Settings	▼

### Other

Access to Private Addresses ☐

You can set custom access rights for new users from General Settings.

Settings

Search...

SAVE

DISCARD

CRM

Sales

Purchase

Inventory

Invoicing

Employees

Expenses

General Settings

### Users

☒ **Access Rights**  
Set custom access rights for new users  
[→ Default Access Rights](#)

☐ **Password Reset**  
Enable password reset from Login page

☒ **Import & Export**  
Allow users to import data from CSV/XLS/XL

### Multi-company

☐ **Multi-company**  
Manage multiple legal entities with separate accounting

### Customer Account

Let your customers log in to see their docum

☒ On invitation (B2B)
☐ Free sign up (B2C)

Click on the Default Access Rights like you will see Default User Template user. Access rights for the new users will be copied from this user.

**Tip:** The additional the rights can be given later from the user configuration before or after user signup.

Let's see how to invite new users to signup and start using the features on CPAbooks online instance.

## 2.4.2 Access system settings using developer mode

CPAbooks application can be viewed in different modes, the default is normal mode suitable for normal users, it designed for great user experience. CPAbooks runs in three different modes:

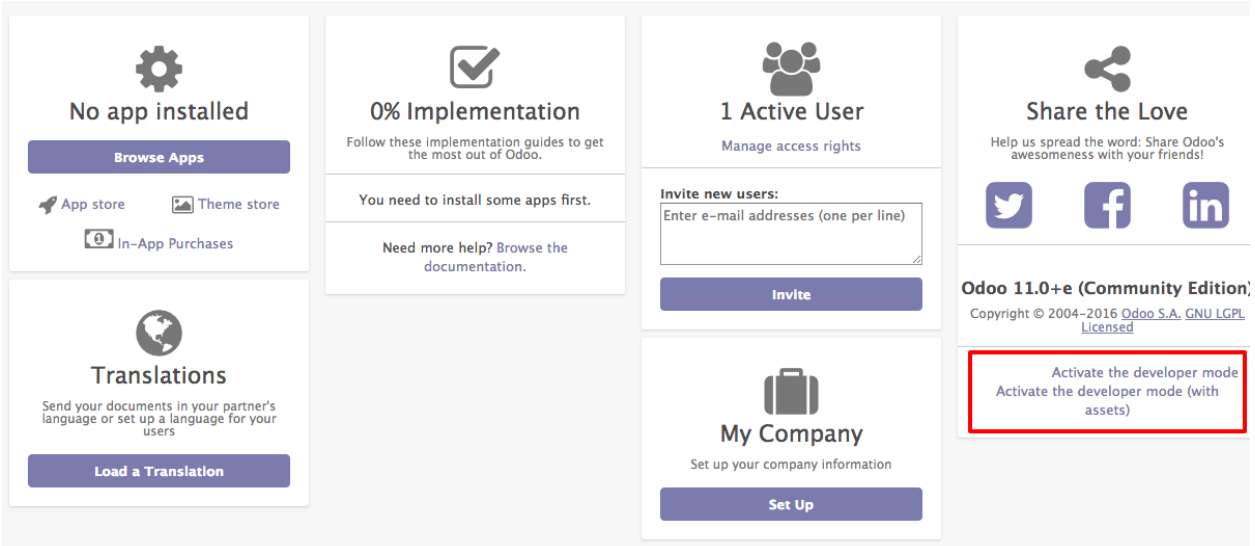
- Normal mode: The default mode; most users are in this mode during production use.
- Developer mode: The name itself suggests something related to technical stuff. You can enter into the configuration of the application and CPAbooks's internal system, as well.
- Developer mode with assets: In addition to the developer mode, this loads all the resources separately such as JavaScript, CSS files, and images, instead of loading them in a bundle.

**Warning:** Developer mode with assets mode may be slower than all the other modes, you developer! you are welcome to this mode.

### Enter into Debug mode

You can enter into debug mode by adding debug argument in the URL, i.e. Change `https://my-company.CPAbooks.com/web?#home` to `https://my-company.CPAbooks.com/web?debug=#home`.

The second easy way is to enter into Settings, click on the **Activate the developer mode** link below the version information.



You will be able to see the Technical menu under the Settings application on successful activation of the debug mode, you can access all the system settings there.

## Video

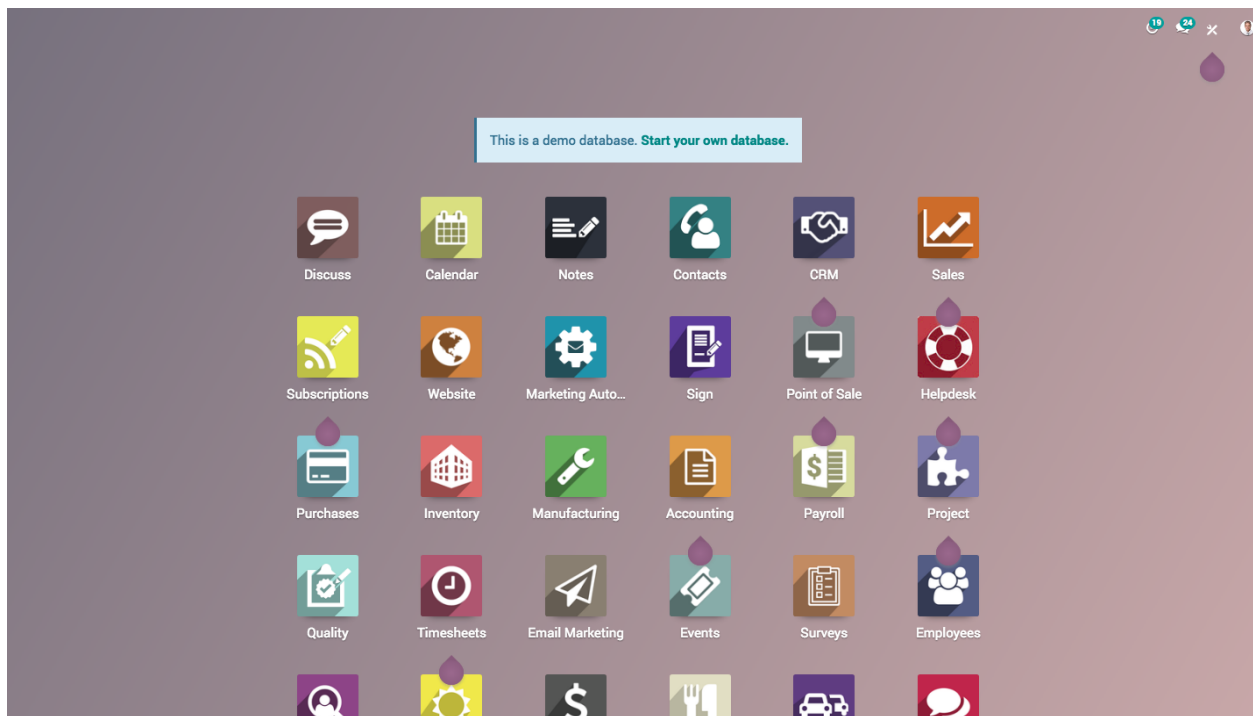
Let's see how to activate the developer mode and debug the assets.

### 2.4.3 How to test upcoming features?

CPAbooks offers a platform where you can test latest stable version of the CPAbooks software or you can also test the upcoming features from development version.

#### CPAbooks Online Demo


CPAbooks instant demonstration can be found at <https://demo.CPAbooks.org>. Online demo is perfect fit for the visitors who wanted to test the latest stable CPAbooks software without installing or creating an online instance, demo instance will be refreshed every 24 hours automatically so all the data created by you will be erased automatically.



**Tip:** Don't worry if your URL will be changed from <https://demo.CPAbooks.org> to <https://demo1.CPAbooks.org>, <https://demo2.CPAbooks.org> or <https://demo3.CPAbooks.org>, CPAbooks started many demo instance, you will be redirected to the instance having low traffic.

### Test upcoming features

**CPAbooks Runbot** is automated test platform user for the continuous integration designed and developed by CPAbooks SA. It is integrated with github.com to test each and every committee made by the CPAbooks developers. CPAbooks Employees worldwide use this platform for the internal testing before merging any feature into the master branch.



odoo/images/chapter\_01\_08.png

Background colours of committee represents the status of the committee, Green represents successfully tested without any ERROR while Red represents ERROR in the code, either code is not clean or there is any test-case failed. You can not connect the committee which are in Blue color as there are currently being tested by the runbot.

Most of the features under development can be found under `CPAbooks-dev/CPAbooks` or `CPAbooks-dev/enterprise` menu, branche name started with master- are the features under development while `10-xxx-xxx` or `11-xxx-xxx` are the fixes for the respective versions.

### Connect to the test instance

You can connect and test every single committee on the development branch, click on the `Sign in to this build` icon.

---

**Tip:** The default username will be admin and password will be admin too for all the instance, if may not able to connect in case some visitor has changed the password.

---

You can perform the test on two different databases:

- Installed all the applications with demo data
- Installed only base application without demo data - you have to install additional applications you want to test.

**Danger:** **Online Demo** and **Runbot** is not suitable platform to prepare the demo as no guarantee to get the same data all the time, because several users using those instances so data may change without notifications.

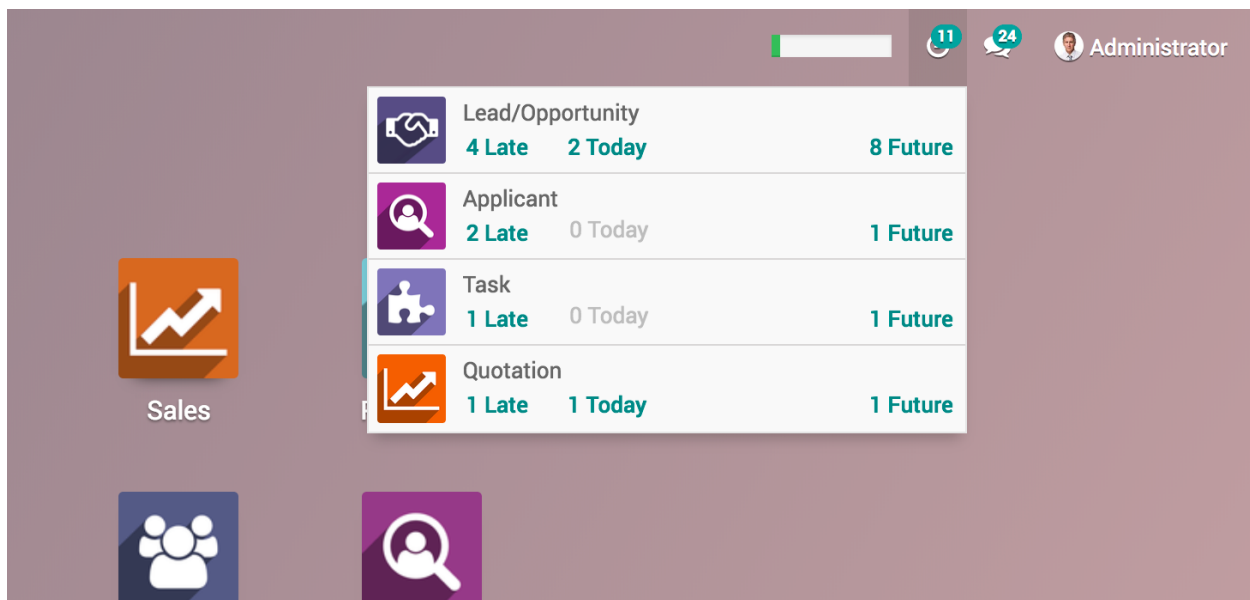
## CUSTOMER RELATIONSHIP MANAGEMENT

### 3.1 Organize the pipeline

#### 3.1.1 Get organized by planning activities

Planning activities is the perfect way to keep on track of your work. Get reminded of what needs to be done and schedule the next activities to undertake.

Your activities are available wherever you are in CPAbooks. It is easy to manage the priorities of your work.



#### Track activities

Activities can be tracked on every single document, Here is an example for opportunities:

The screenshot displays the Odoo CRM Kanban view with four stages: New, Qualified, Proposition, and Won. Each stage has a progress bar and a total value. A context menu is open over the 'Qualified' stage, showing options like 'Overdue (1)', 'Today (1)', and 'Planned (1)'. Red circles 1 and 2 highlight specific elements in the menu.

You can have activities which are due, or to be performed today or in future, this can be tracked on two places, kanban card or below the form view.

The screenshot shows the Odoo CRM form view. At the top, there are links for 'Send message', 'Log note', and 'Schedule activity'. Below this, there is a section for 'Planned activities' which lists a task 'Today: Conf call with technical service' for Administrator. Below this, there is a 'Today' section.

## Schedule next activity

Activities can be planned and managed from the chatters or from the kanban views on opportunity card.


The screenshot shows the Odoo CRM form view. At the top, there is a section for 'Activity' with a dropdown menu. A dropdown menu is open, showing options like 'Email', 'Call', 'Meeting', 'Todo', 'Follow-up Quote', 'Make Quote', and 'Call for Demo'. Red circles 1, 2, 3, and 4 highlight specific elements. At the bottom, there are buttons for 'SCHEDULE', 'MARK AS DONE', and 'DISCARD'.



The first activity can be schedule or new activity can be scheduled as soon as you complete the first one.

### Set your activity types

A number of generic activities types are available by default in CPAbooks (e.g. call, email, meeting, etc.). If you would like to set new ones, go to **Settings / General settings / Activity** types.

		 Active	
<p>Name</p> <p><b>Email</b></p>			
Category	Other	Recommended Next Activities	Call x
Summary		Default Next Activity	
After	0 days		
	<u>after previous activity deadline</u>		

The next activity “Call” will be propose, when you fill finish the “Email” activity.

### Schedule meetings

Activities are planned for specific days. If you need to set hours, go with the Meeting activity type. When scheduling one, the calendar will simply open to let you select a time slot.

#### Video

Access the video at <https://www.youtube.com/watch?v=eH28p0r61po>

#### Video

Access the video at <https://www.youtube.com/watch?v=eH28p0r61po>

## 3.1.2 Manage lost opportunities

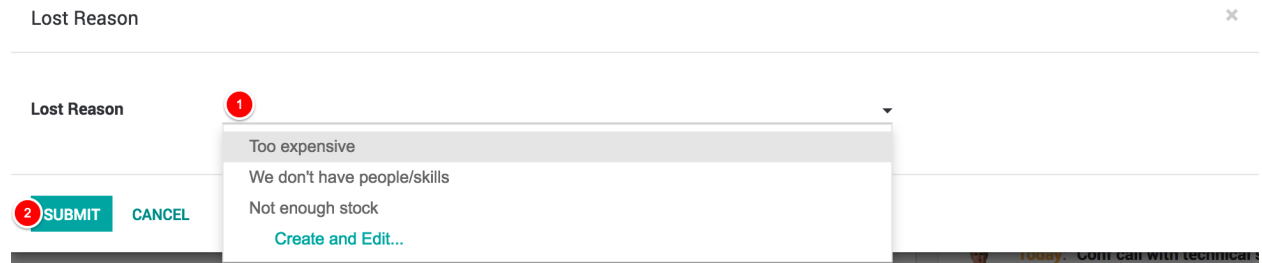
While working with your opportunities, you might lose some of them. You may want to keep track of those opportunities with the reasons you lost them and also the ways to recover them in the future.

### Business case

The company planning to revised the price of the product they are selling and they would like to make a test offer or announcement about the to the opportunity who lost because of the reason “*Too Expensive*”.

## Mark an opportunity as lost

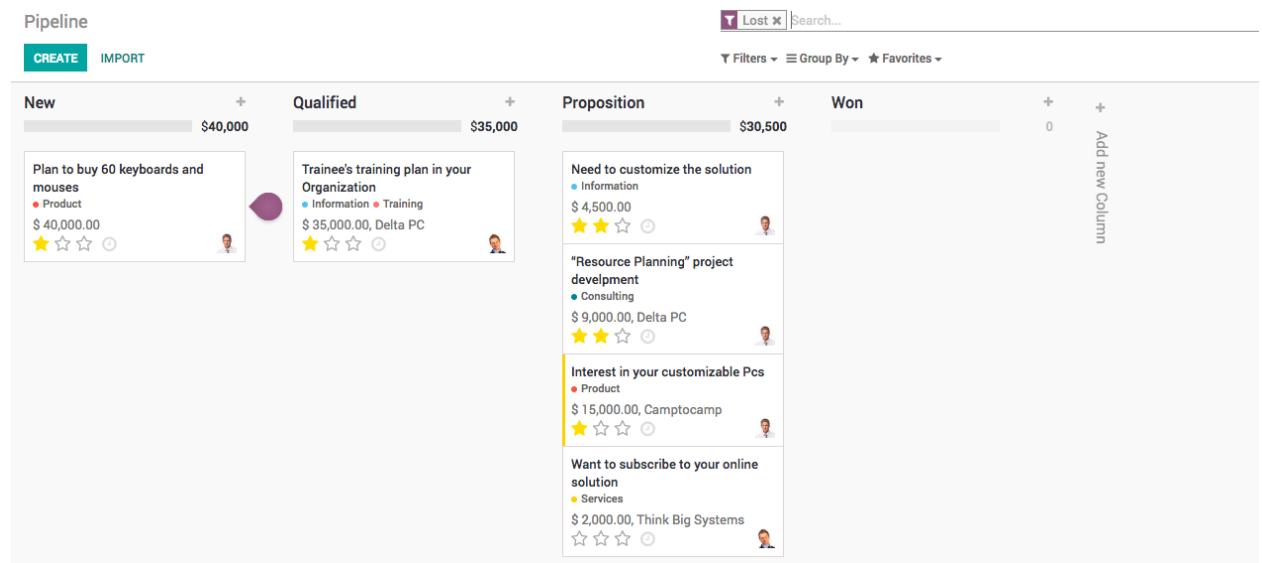
While in your pipeline, select any opportunity you have to mark as lost, you will see a **Mark Lost** button, by clicking on that you have to select the lost reason, that can then select an existing **Lost Reason** or create a new one right there.



**Tip:** You will find your **Lost Reasons** under **Configuration / Lost Reasons**. You can manage the reasons from if you want to better organize the lost reason.

## Retrieve lost opportunities

To retrieve lost opportunities and do actions on them (send an email, make a feedback call, etc.), select the **Lost** filter in the search bar.



You will then see all your lost opportunities. If you want to refine them further, you can add a filter on the **Lost Reason**. For Example, *Too Expensive*.

Pipeline

CREATE IMPORT

Filters Group By Favorites

Lost Reason Too Expensive

New + Qualified + Proposition + Won

0 0 \$28,500

**Need to customize the solution**

Information

\$ 4,500.00

★★★★☆

**"Resource Planning" project development**

Consulting

\$ 9,000.00, Delta PC

★★★★☆

**Interest in your customizable Pcs**

Product

\$ 15,000.00, Camptocamp

★★★★☆

### Restore lost opportunities

From the kanban view with the filter(s) in place, you can select any opportunity you wish and work on it as usual. You can also restore it by clicking on **Archived**.

0 Meeting Archived

**Need to customize the solution** Lost

\$ 4,500.00 at 0 %

Customer

Email henry@elight.com

Phone

Salesperson Administrator

Sales Channel Europe

Expected Closing

Priority

Tags Information

Lost Reason Too expensive

You can switch to **List View** select the opportunities you want to restore, from Action click on Unarchive to restore multiple opportunities at once.

Pipeline

CREATE IMPORT

Filters Group By Favorites

Lost Reason Too Expensive Search...

1-3 / 3

Action

- Export
- Archive
- Unarchive
- Delete
- Convert to opportunities
- Merge leads/opportunities
- Lead/Opportunity Mass Mail
- Mark as lost
- Mark Late Activities as Done
- Mark All Activities as Done

Create Date	Opportunity	Customer	Country	Summary	Stage	Expected Revenue	Probability	Sales Channel	Salesperson
08/20/2018 22:44:04	Need to customize the solution		Argentina		Proposition	4,500.00	0.00	Europe	Administrator
08/20/2018 22:44:04	"Resource Planning" project development	Delta PC	United Kingdom		Proposition	9,000.00	0.00	Europe	Administrator
08/20/2018 22:44:04	Interest in your customizable Pcs	Camptocamp	Venezuela		Proposition	15,000.00	0.00	Europe	Administrator
						28,500.00	0.00		

## Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 3.1.3 Automatic leads assignment to team members

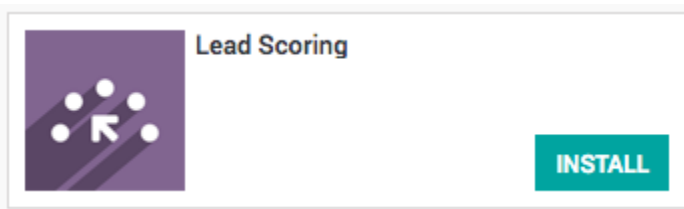
There are multiple sales people working within the sales team, the number of leads increased you have to increased the number of people to work on. The problem starts for the team manager to assign the leads to them when team grows, let's see how you can make the team manager life easy with automatic leads assignation.

#### Business case

The company have a increased the team size to process the maximum leads per day as they start getting many new leads. They would like to first convert leads into opportunity and assign to the team members within team.

#### Configuration

Install a module **Lead Scoring** under your **Apps** page available in CPAbooks Enterprise only.



#### Qualification step before creating an opportunity

The default sales activity is managed with the opportunity pipeline, you can change that to add the qualification stage before creating an opportunity.

Settings

Search...

SAVE

DISCARD

CRM

Website

Email Marketing

General Settings

CRM

☒ Leads

Add a qualification step before creating an opportunity

Contacts

☐ Phone Formatting

Format phone numbers based on national conventions

☒ Customer Autocomplete

Look up company information (name, logo, etc.)

Assumed that you start getting leads into the team, by default all those leads are unassigned.

## Add members to your sales channel

You can add members to the sales team; that way those members will see the pipeline structure of the sales team when opening it. Any lead/opportunity assigned to them will link to the sales team. Therefore, you can only be a member of one channel.

You can define maximum leads that should be assigned to the member within 30 days, this will ease the process of assigning the leads to the member easily.

Open: Salesman ✕

---

### Demo User

▼

**SaleTeam**

Maximum Leads / 30 days

Domain

Direct Sales

30

SAVE

DISCARD

You can also add the specific domain on each user to be sure that each user get the specific leads to work on based on their expertise or country, etc...

**Tip:** You can define the size of batch using system parameters *website\_crm\_score.bundle\_size* that defines the number of leads going to be process on each lead assignment schedule.

## Activate the lead assignment scheduler

Enable into the debug mode and goto Schedule Action form home screen, just type the word.

Off

**Action Name**

Crm Score: lead assignment

**Model**

Sales Channel

**Action To Do**

Execute Python Code

**Available on the Website**

☐

**Scheduler User**

Administrator

**Execute Every**

1 Days

**Next Execution Date**

08/23/2018 22:51:43

**Number of Calls**

-1

**Priority**

5

**Repeat Missed**

☐

Python Code

Help

```
1 model.direct_assign_leads()
```

Search for the *Crm Score: lead assignation* and **Switch On** the schedule action, it will automatically process 50 leads every day. If you want to assign frequent you can switch to Hours instead of Days.

---

**Tip:** You can check leads assignation manually by clicking on the Run Manually button on the schedule action.

---

As soon as the number of leads increase, on each schedule action you have to process more leads, you can do it by setting the system parameters. Create a new system parameters with key *website\_crm\_score.bundle\_size* and set the value.

System Parameters / *website\_crm\_score.bundle\_size*

SAVE DISCARD 16 / 16 < >

Key	<i>website_crm_score.bundle_size</i>
Value	250

## Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 3.1.4 Manage multiple sales teams

You can spread your sales activities into the multiple sale teams depending on the product, service or region, the purpose of setting different sales team might also be to setup the different sales process too.

#### Business case

The company have a different customer segments **retailer** and **distributors** and they wants to manage through different set of people as the business rules are different along with the sales tactics.

#### Configuration

Assumed that the **CRM** application is installed.

#### Create a new sales channel

To create a new **Sales Channel**, goto **Configuration / Sales Channels** under the **CRM** Application. There you can set an email alias to it, every message sent to that email address will create a lead/opportunity under that sale team.

Active

Sales Channel

## Retailer


☒ Pipeline


Channel Leader Kinjal Dave


Email Alias retail@mycompany.com


Team Members
 Dashboard


ADD

 Ajay Patel

 Kinjal Dave

 Kiran Shah

 Nikunj Jani

 Vijay Patel

### Add members to your sales channel

You can add members to any channel; that way those members will see the pipeline structure of the sales channel when opening it. Any lead/opportunity assigned to them will link to the sales channel. Therefore, you can only be a member of one channel. This will ease the process review of the team manager.

Add: Channel Members

Search...

1-6 / 6

<input type="checkbox"/>	Name	Login	Language	Latest connection
<input type="checkbox"/>	Administrator	admin	English	08/25/2018 12:14:44
<input checked="" type="checkbox"/>	Ajay Patel	ajay@odoo.com	English	
<input checked="" type="checkbox"/>	Kinjal Dave	kinjal@odoo.com	English	
<input checked="" type="checkbox"/>	Kiran Shah	kiran@odoo.com	English	
<input checked="" type="checkbox"/>	Nikunj Jani	jni@odoo.com	English	
<input checked="" type="checkbox"/>	Vijay Patel	vijay@odoo.com	English	

SELECT
 CREATE
 CANCEL

## Channel specific sales stages

To jump to the stages for the specific sales challenge goto **Reporting / Sales Channels** under the **CRM** Application, click on the Pipeline to see the sales process for the specific sales team. The default stages will be looking as below.

Sales Channels / Opportunities

Sales Channel Retailer x Search...

CREATE EDIT

New	+	Qualified	+	Proposition	+	Won	+	+
0		0		0		0		0

Add new Column

Click on the **Add new column** to create a new stage in the sales team, let's create **Qualified Sponsor** stage and drag and drop between the **Qualified** and **Proposition** stage.

Sales Channels / Opportunities

Sales Channel Retailer x Search...

CREATE EDIT

0 records

New	+	Qualified	+	Qualified Sponsor	+	Proposition	+	Won	+
0		0		0		0		0	

Add new Column

The stage can be set for the specific team by adding **Team** on the configuration of that stage. Click on the gear icon to **Edit Stage**, by default this stage will be available to all the sales channel, when no **Team** set on stage.

Edit Column x

Stage Name Qualified Sponsor

Team

Folded in Pipeline

Requirements

Change Probability Automatically ☐

Retailer

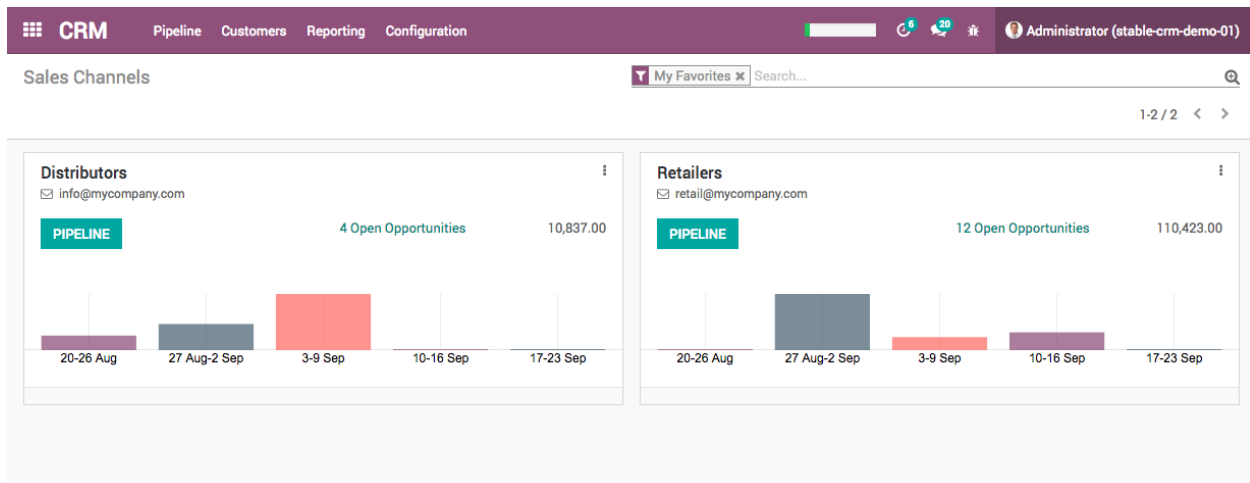
Create and Edit...

SAVE DISCARD



## Sales channel dashboard

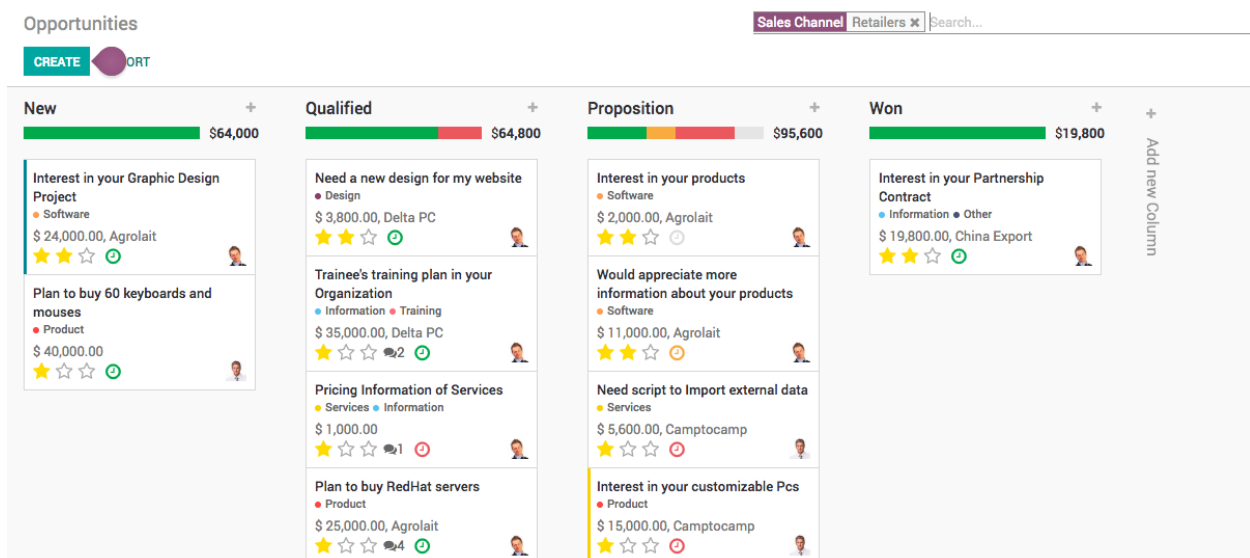
To see the operations and results of all the sales channel at a glance, the sales manager has an access to the **Sales Channel Dashboard** under **Reporting**.



It is shared with the whole ecosystem so every revenue stream is included in it: Sales, eCommerce, PoS, etc.

## Sales pipe for specific channel

Click on the **Pipeline** button on sales channel to see the sales pipe for any specific channel, you will find all of its opportunities related to that sales channel.



**Tip:** Lead score is an application which help you to assign the leads to the respective team members with in team.

## 3.2 Acquire leads

### 3.2.1 Convert leads into opportunities

Opportunity is a qualified lead, specific deal has met certain criteria which indicate a high value to the business, or a high probability of closing but when you have details of your visitors, it is just a lead. You have to get the enough details form you visitors, if matches with your business interest you can convert them into opportunity.

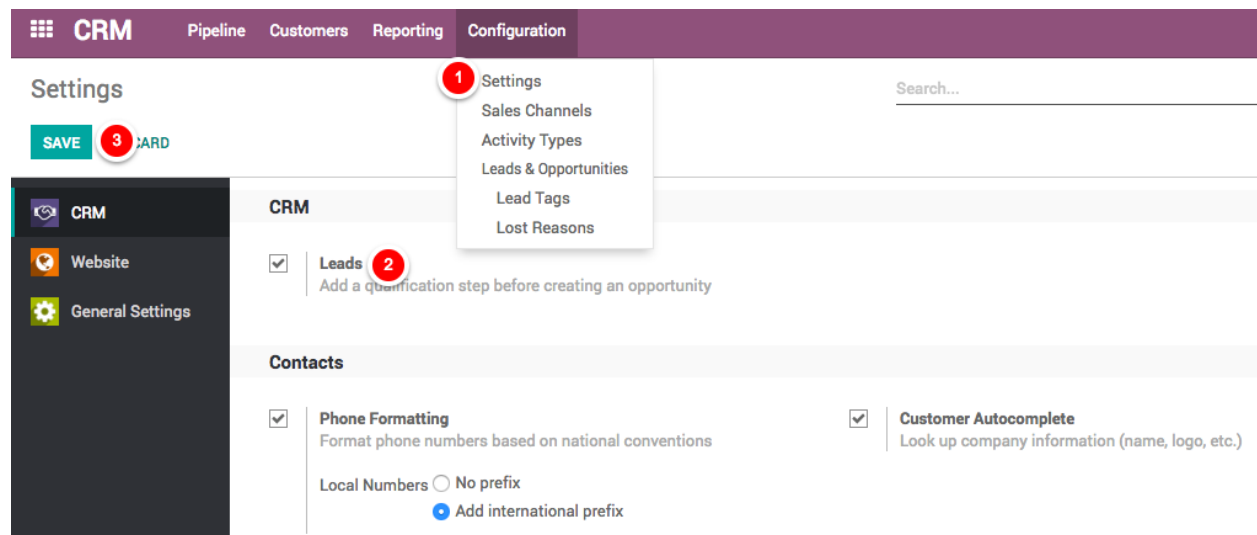
You can collect the leads instead of creating an opportunity and setup the process to qualify those leads before you convert them into opportunity.

#### Business case

Assumed that **My company** is collecting contacts of all the visitors, through contact us page or visitor tracking system. Create an leads from the contact information and qualify them before converting them into an opportunities.

#### Configuration

By default you have an opportunity created in the sales channel, you can have a leads when someone contact you on the website contact us page or send an email to [sales@mycompany.com](mailto:sales@mycompany.com), to activate leads goto **CRM / Configuration / Settings** and activate the **Leads** feature.



You will now have a new submenu **Leads** under **Pipeline** where they will aggregate.

#### Qualify Leads

Send the mass mail on new leads received everyday, prepare a good description of your product service details in an email and try to get more information from leads and their expectations from your products or service.

**Lead/Opportunity Mass Mail**

Only records checked in list view will be used.  
The email will be sent for all the records selected in the list.  
If you want to send it for all the records matching your search criterion, check this box: ☐

From: Administrator <admin@yourcompany.example.com>

Recipients: Email mass mailing on the selected records.

Subject: [Company Name] Impressive subject line !

Mass Mailing: ☐

No threading for answers: ☐

Rich Text Editor:  
Dear Sir/Madam,  
TODO: Some lines to explain your product service.  
Thank you,

ATTACH A FILE      Use template: Lead/Opportunity Mass Mail

SEND      CANCEL      SAVE AS NEW TEMPLATE

**Tip:** Define a good subject, include your product / service name into the [ ] square bracket, that make sure that your email will not go to the spam.

You can convert those leads into the opportunity, when your visitor reply to your email which was sent in mass mail.

## Convert lead into an opportunity

The leads can be converted to an opportunity either manually or automatic depending on the volume of leads you have.

## Manual conversion

Every day review your leads having reply from the prospects and convert all those leads into an opportunities. You can apply filter **Unread Messages**

Create Date	Lead	Contact Name	City	Country	Email	Phone	Score	Sales Channel	Salesperson
08/23/2018 22:47:49	Need a Quotation for Computers with Accessories	Carrie Helle	Philadelphia	United States	helle@stonageit.example.com	+1 813 494 5005	13.00	Direct Sales	
08/23/2018 22:47:49	Pricing Information of Services	Oliver Passot	Brussels	Belgium	olivier.passo@balmer.inc.sa	+32 469 12 45 78	17.00	Direct Sales	
08/23/2018 22:47:49	Plan to buy RedHat servers		Wavre	Belgium	agrolait@yourcompany.example.com	+32 10 588 558	17.00	Direct Sales	

Open the wizard Convert to Opportunity wizard form the Action menu and you are ready to convert selected leads into opportunities.

Convert to opportunities ✕

---

Conversion Options

Conversion Action

☒ Convert to opportunity 1
☐ Merge with existing opportunities

Apply deduplication

☒

Assign these opportunities to

Sales Channel 2

Direct Sales

Salesmen

Direct Sales

Force assignment

Create and Edit...

Leads with existing duplicates (for information)

Create Date	Opportunity	Type	Contact Name	Email	Phone	Stage	Salesperson	Sales Channel
08/23/2018 22:47:49	Plan to buy RedHat servers	Lead	<span>3</span>	agrolait@yourcompany.example.com	+32 10 588 558	New		Direct Sales

Customers 4

☒ Use existing partner or create
☐ Do not link to a customer

CONVERT TO OPPORTUNITIES 5

CEL

**Apply duplication** option will be selected automatically when system detect the duplicate leads in the system based on the email or phone number, duplicated leads will be displayed below form.

You can change the **Sales channel** if you would like to transfer the opportunity in other channel. You can choose either you would like to link the opportunity with customer by selecting existing or create a new or leave empty. You can create a customer later at the time of create a proposal for them.

The **Salesman** has to be assigned manually while converting leads into opportunity.

### Automatic conversion

The automatic conversion and assignation of the opportunity can be done with the help of Lead Score application. You have to install and configure the scoring rules and assignation rules in order to convert leads into opportunity and assign to the correct member in the team.

You can define domain on the sales channel which will fetch leads accordingly and convert it into the opportunity. The domain may include lead scores, page visited by visitor, and other information such as country, city, availability of the email or phone.

Please go through **Automatic leads assignation to team members** topic in Customer Relationship Management section.

### 3.2.2 Generate leads/opportunities from emails

Every sales channel is capable create lead/opportunity form the incoming emails. You can define the email alias when that receive an email the lead/opportunity will be created in that sales channel.

Active

Sales Channel

Retailer

☒ Pipeline

Channel Leader

Kinjal Dave

Email Alias

sales

@mycompany.com

Team Members

Dashboard

ADD

Ajay Patel

Kinjal Dave

Kiran Shah

Nikunj Jani

Vijay Patel

By default, any email sent to *sales@mycompany.com* will create an opportunity in the pipeline of the default sales channel.

### Configure email aliases

Each sales channel can have its own email alias, to generate leads/opportunities automatically assigned to it. It is useful if you manage several sales teams with specific business processes.

You will find the configuration of sales channels under **Configuration / Sales Channels**.

CRM

Pipeline Customers Leads Management Reporting Configuration

Sales Channels

Search...

CREATE

IMPORT

Filters

Group By

Favorites

<input type="checkbox"/> Sales Channel	Channel Leader
<input type="checkbox"/> America	
<input type="checkbox"/> Europe	
<input type="checkbox"/> Point of Sale	
<input type="checkbox"/> Website	
<input type="checkbox"/> eBay	

## Video

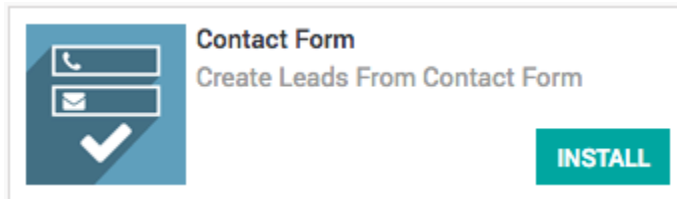
Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 3.2.3 Generate leads/opportunities from your website contact page

Automating the lead/opportunity generation will considerably improve your efficiency. Any visitor using the contact form on your website will create a lead/opportunity in the pipeline.


## Configuration

To activate the contact us page on your website you have to install the Contact Form application from the Apps.



## Contact us page

You benefit from ready-to-use contact form on your CPAbooks website that will generate leads/opportunities automatically.

Your logo

HomeContact usAdministrator ▾

## Contact us

Contact us about anything related to our company or services.  
We'll do our best to get back to you as soon as possible.

Your Name \*

Phone Number

Email \*

Your Company \*

Subject \*




Your Question \*

Send

YourCompany  
📍 1725 Slough Ave.  
Scranton PA 18540  
United States  
☎ +1 555 123 8069  
✉ [info@yourcompany.example.com](mailto:info@yourcompany.example.com)  
[📍 Google Maps](#)

## Default sales team

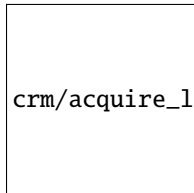
Contact form creates an lead/opportunity into the specific sales channel, to change that specific sales channel, go to **Website / Configuration / Settings** under **Communication** section you will find the **Contact Form** info and where to change the default **Sales Channel** or **Salesperson**.

Communication	
<b>Contact Form</b>	
Add a contact form in the <a href="#">Contact Us</a> page	
Sales Channel	America  
Salesperson	

**Note:** If the same visitors uses the contact form twice, the second information will be added to the first lead/opportunity in the chatter.

## Contact us page

Let's go and fill some information into the contact us page and submit the form.



crm/acquire\_leads/static/generate\_lead\_from\_webstie/media/image11.png

Submit for form, visitor will get the **thank you** page having the emergency contact detail in case if they would like to connect quickly before sales people contact them.

## Opportunity in the sales pipe

The opportunity will be created in the default sales channel set on the configuration.

0 Meeting

Opportunity  
**Home appliances distributorship**

Expected Revenue  
 \$0.00

Probability  
 at 10 %

Customer
 
 Expected Closing

Email  
 rajesh.gajjar@gmail.com

Phone  
 09898098981

Salesperson
 
 Priority
 ☆☆☆

Sales Channel  
 Retailer
 Tags

Internal Notes
 Contact Information

Interested to get the Home appliances distributorship in Ahmedabad area

### Formatting the phone or mobile numbers

Validate contact (phone,mobile) numbers and normalize them on leads and contacts, use the national format for your company country.

0 Meeting

Opportunity  
**Home appliances distributorship**

Expected Revenue  
 \$0.00

Probability  
 at 10 %

Customer
 
 Expected Closing

Email  
 rajesh.gajjar@gmail.com

Phone  
 +91 98092 89812

Salesperson
 
 Priority
 ☆☆☆

Sales Channel  
 Retailer
 Tags



## Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

## 3.3 Marketing Activity

### 3.3.1 Which marketing platform bring more visitors

The biggest challenge for every business is *how do I drive more traffic to my online store?*, If you able to get the visitor you can convert them into customers. There are many ways to increase the visitors, advertise on the social media marketing is one of the proven way to get attract move visitor.

But the questions is *which social media can bring more visitor and where to invest?*, depending on your product and consumer you should choose the social media platform to invest for the marketing, still it is worth to track which marketing platform bring how many users on your website.

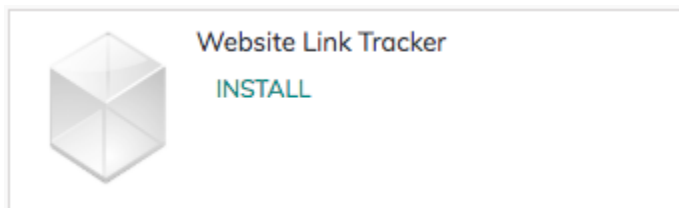
#### Business case

The *My Company* is running a electronic ecommerce store, they want to invest in the paid marketing on different social media platform such as Facebook, Pinterest, Instagram and Google.

The want to see which marketing platform drives how many new users so that they can focus more on the platform which brings more traffic.

#### Configuration

Assumed that the **Website Builder** and **eCommerce** applications are already installed. What we need is an Link tracker application which is supporting application to the website.



Install the Website Link Tracker application if it is not installed automatically.

#### Create a link to share

You can share any website page from your website with the link tracker, It can be a Product, Shop, Home Page, Job Post or News from the Blogs. To create a sharable link that generates statistics, visit that page and go to **Promote / Track this Page**.

## Link Tracker

URL

Campaign

Medium

Source

[Get tracked link](#)

Share this page with a short link that includes analytics trackers.

Those trackers can be used in Google Analytics to track clicks and visitors, or in Odoo reports to track opportunities and related revenues.

## Your tracked links

Newest | [Most Clicked](#) | [Recently Used](#)

0 clicks  
<https://mga.odoo.com/r/i18>  
[Christmas Special](#) [Google Adwords](#) [Search engine](#)

[Copy](#) [Stats](#)

Click on the **Get tracked link** button will generate the link that can be share and that link generates the statistical analysis, such as how many people visited by date, and form which country.

**Tip:** To generate the correct statistics, you have to set up CPAbooks correctly on reverse proxy and GeoIP data on Nginx. If not configure correctly you may get the number of visits but not the country information.

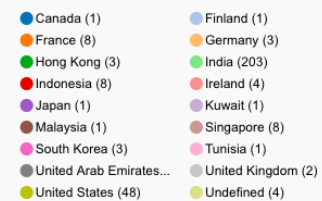
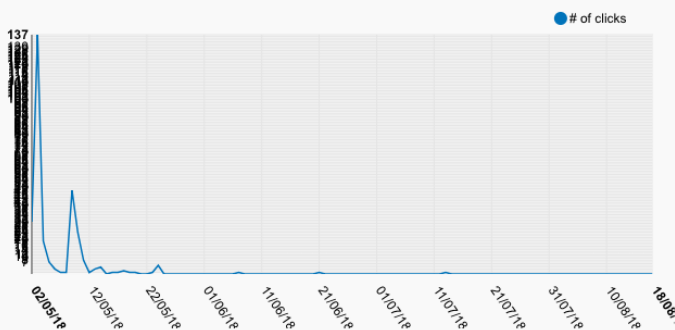
The statistics will be looks as below.

## Statistics

All Time | [Last Month](#) | [Last Week](#)

301 clicks

18 countries



### 3.3.2 Measure which marketing campaign creates more opportunities

The biggest challenge for every business is *how do I drive more traffic to my online store?*, If you able to get the visitor you can convert them into customers. There are many ways to increase the visitors, advertise on the social media marketing is one of the proven way to get attract more visitor.

But the questions is *which social media can bring more opportunities to me?*, depending on your product and consumer you should choose the social media platform to invest for the marketing, still it is worth to track which marketing platform bring how many users on your website.

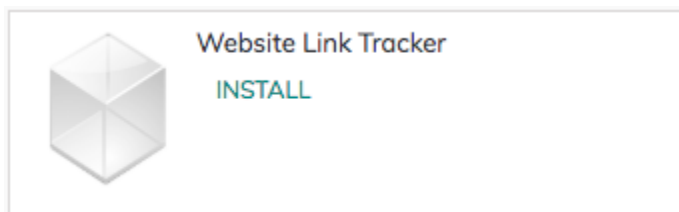
#### Business case

The *My Company* is running a electronic eCommerce store, they want to invest in the paid marketing on different social media platform such as Facebook, Pinterest, Instagram and Google.

The want to see *which marketing platform how many new opportunities?* so that they can focus more on the platform which brings more business.

#### Configuration

Assumed that the **Website Builder** and **eCommerce** applications are already installed. What we need is an Link tracker application which is supporting application to the website.



Install the **Website Link Tracker** application if it is not installed automatically.

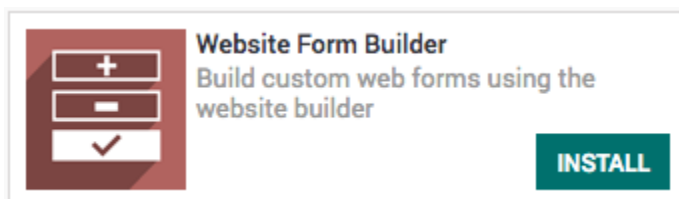
#### Contact us form

Install the contact us form on the website, so that when user fill the contact detail to get more information about the product, you can have an opportunity created in the CRM application.

Generate leads/opportunities from your website contact page - <https://www.cpabooks.org/contact-us>

#### Form Builder

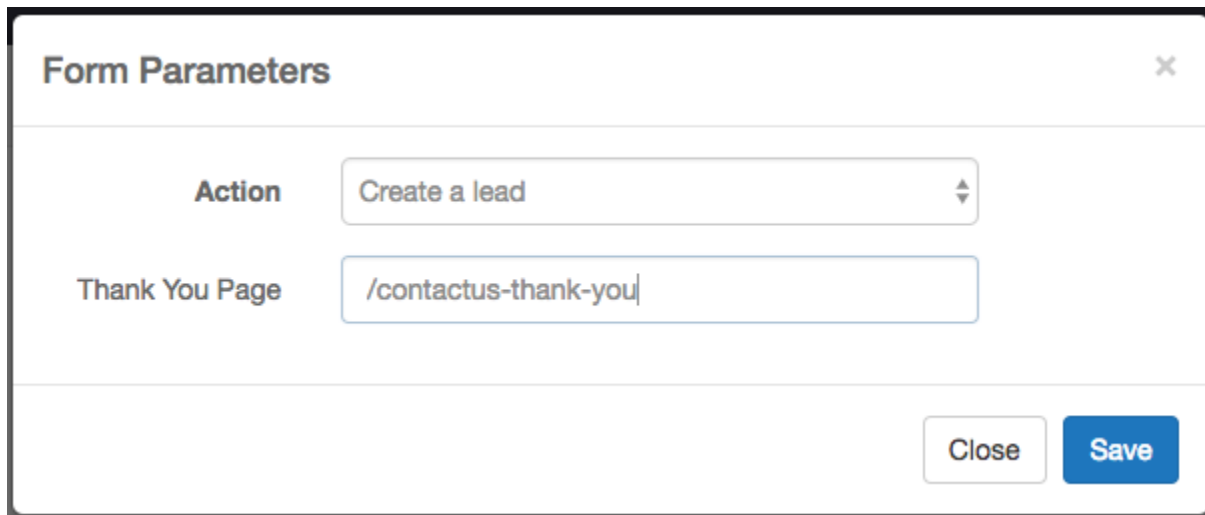
It would be great if you will be able to add the contact us form on any other webpages in your website, it will allows user to make a quick contact to you.



As soon as the application installed you will see a new widget on the website called Form Builder.

## Add contact us form on product page

You can add the contact us page on the frequently sold product page, which help us to generate the leads. Drag and drop the **Form builder** widget, select the option Create a lead.



The image shows a 'Form Parameters' dialog box with a close button (X) in the top right corner. It contains two main sections: 'Action' and 'Thank You Page'. The 'Action' section has a dropdown menu currently set to 'Create a lead'. The 'Thank You Page' section has a text input field containing '/contactus-thank-you'. At the bottom right, there are two buttons: 'Close' and 'Save'.

The default fields will be added to the screen, **Opportunity**, you can change the label to **Subject** and add additional fields from the widget customization option, such as Name, Email and Mobile.

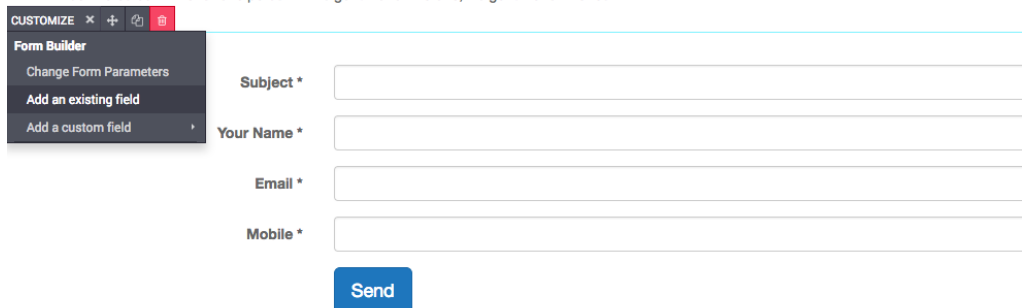
## Bulk order

### Contact us

A great way to catch your reader's attention is to tell a story. Everything you consider writing can be told as a story.

**Great stories have personality.** Consider telling a great story that provides personality. Writing a story with personality for potential clients will assist with making a relationship connection. This shows up in small quirks like word choices or phrases. Write from your point of view, not from someone else's experience.

**Great stories are for everyone even when only written for just one person.** If you try to write with a wide general audience in mind, your story will ring false and be bland. No one will be interested. Write for one person. If it's genuine for the one, it's genuine for the rest.



The image shows a 'Form Builder' widget. On the left, there is a sidebar with the title 'Form Builder' and three options: 'Change Form Parameters', 'Add an existing field', and 'Add a custom field'. The main area of the widget contains a form with four labeled input fields: 'Subject \*', 'Your Name \*', 'Email \*', and 'Mobile \*'. Below these fields is a blue 'Send' button. The top of the widget has a 'CUSTOMIZE' header with icons for close, add, edit, and delete.

## Create a link to share

You can share any website page from your website with the link tracker, It can be a Product, Shop, Home Page, Job Post or News from the Blogs. To create a sharable link that generates statistics, visit that page and go to **Promote / Track this Page**.

## Link Tracker

URL

Campaign

Medium

Source

[Get tracked link](#)


Share this page with a short link that includes analytics trackers.

Those trackers can be used in Google Analytics to track clicks and visitors, or in Odoo reports to track opportunities and related revenues.

## Your tracked links

[Newest](#) | [Most Clicked](#) | [Recently Used](#)

0  
clicks

 <https://mga.odoo.com/r/i18>

[Christmas Special](#) [Google Adwords](#) [Search engine](#)

[Copy](#)

[Stats](#)

Click on the **Get tracked link** button will generate the link that can be share and that link generates the statistical analysis, such as how many people visited by date, and form which country.

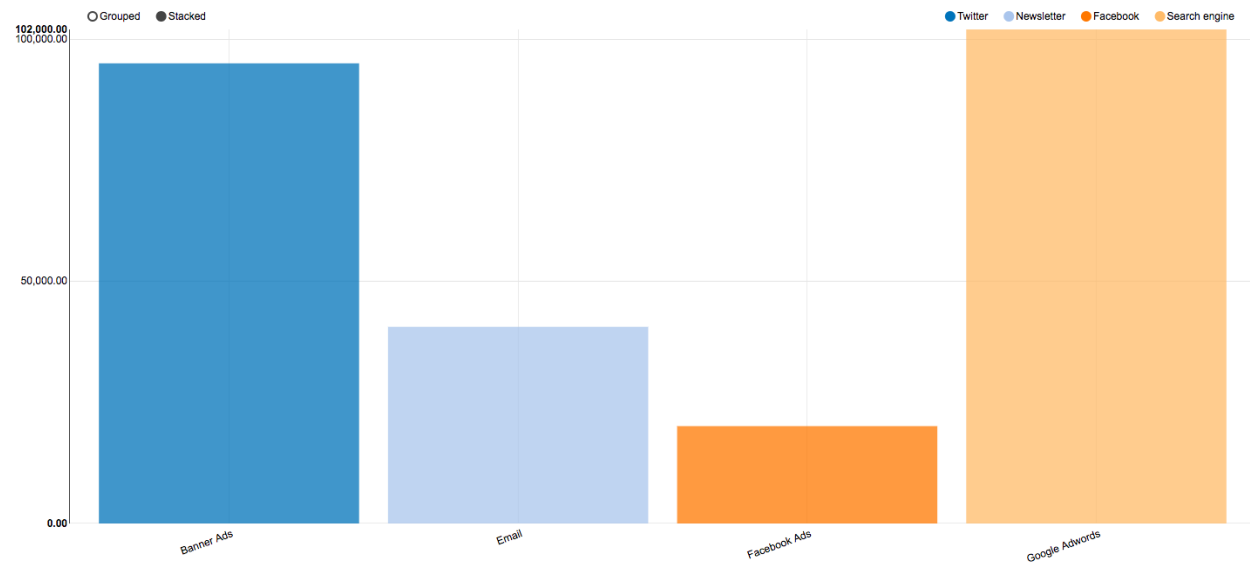
## Creating an opportunities

Visitor visit the page through the link you shared on the **Google Searching**, the visitor will be tracked and same information will be attached to the **Campaign**, **Medium** and **Source**, when opportunities created.

Internal Notes		Contact Information	
<b>Customer Name</b>	<input type="text" value="Rediff Mail"/>	<b>Contact Name</b>	<input type="text" value="Will McEncroe"/> <input type="text" value="Title"/>
<b>Address</b>	<input type="text" value="Kensington Road 189"/> <input type="text" value="Street 2..."/> <input type="text" value="Melbourne"/> <input type="text" value="State"/> <input type="text" value="ZIP"/> <input type="text" value="Australia"/>	<b>Job Position</b>	<input type="text"/>
<b>Website</b>	<input type="text" value="e.g. www.odoo.com"/>	<b>Mobile</b>	<input type="text"/>
		<b>Opt-Out</b>	<input type="checkbox"/>
<b>Marketing</b>		<b>Misc</b>	
<b>Campaign</b>	<input type="text" value="Christmas Special"/>	<b>Referred By</b>	<input type="text"/>
<b>Medium</b>	<input type="text" value="Google Adwords"/>		
<b>Source</b>	<input type="text" value="Search engine"/>		




Campaign Analysis

The number of opportunities can be grouped by the **Source** and **Medium** to check which platform bring how many opportunities coming from which marketing platform.






Can be analysed in detail by applying group by **Source** and then **Medium**. It will give us more clear view on from where the opportunities coming from.

Pipeline

MEASURES   

Medium > Source

 Filters  Group By  Favorites

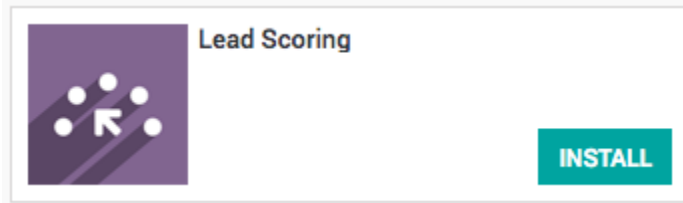
	+ Total	
	Count	Expected Revenue
- Total	15	257,700.00
- Search engine	5	102,000.00
+ Google Adwords	5	102,000.00
- Newsletter	4	40,600.00
+ Email	4	40,600.00
- Facebook	4	20,100.00
+ Facebook Ads	4	20,100.00
- Twitter	2	95,000.00
+ Banner Ads	2	95,000.00

### 3.3.3 Measure the score for an opportunity based on the user behavior on your website

Tracking your website pages will give you much more information about the interests of your website visitors. Every tracked page they visit will be recorded on your lead/opportunity if they use the contact form on your website.

#### Configuration

To use this feature, install the module **Lead Scoring** under your Apps page available in CPAbooks Enterprise only.



#### Track a webpage

You can track any static page you want on your website under the **Promote** tab you will find **Optimize SEO**. There you will see a **Track Page** checkbox to track this page.

**Promote Page**
Get this page efficiently referenced in search engines to attract more visitors.
×

**Page Title**

**Description**

**Preview**
how your page will be listed on Google

Home | Website localhost  
<http://localhost:8069/>  
[ The description will be generated by google unless you specify one ]

---

**Define Keywords**
describing your page content

English
▼

Add

**Track Page**
to better score your leads: ☒

Save

Discard

You have to visit all the pages and enabled this option for individual pages you want to track on your website.

## Create scoring rules

You now have a new menu in your CRM app called **Leads Management / Scoring Rules** where you can manage your scoring rules. Here's an example for a *Pricing Page Score*, you can modify for whatever criteria you wish to score your leads on. You can add as many criterias as you wish.

Scores / Aboutus Score

SAVE

DISCARD

6 / 8 < >

0 Leads

### Pricing Page Score

Rule Type	Scoring
Value	8.00
Domain	[[score_pageview_ids.url', 'ilike', '%/pricing]]
Event-based rule	<input type="checkbox"/>
Active	<input checked="" type="checkbox"/>

Every hour a new leads without a score will be automatically scanned and assigned their right score according to your scoring rules.

**Tip:** You can select **Event-based rule** for new rule you are about to create if you want to apply on all the existing leads which was previously computed.

**Value** on the score rules will be count cumulative to compute the leads/opportunities score when more then one rule found applied for the lead/opportunity.

## See visited pages in opportunities

Now each time a lead is created from the contact page it will keep track of the pages visited by that visitor. You have two ways to see those pages, on the top right corner of your lead/opportunity you can see a **Page Views** button but also further down you will see them in the chatter too.

Both will update if the viewers comes back to your website and visits more pages.

Active

2 Page views

The feature will not repeat multiple viewings of the same pages in the chatter. Your customers will no longer be able to keep any secrets from you!



## Compute Score

The scheduler executes every hours and compute the score for newly added lead/opportunity.

The **Scoring rules** will be applied those are matching with the lead/opportunities details and score will be the summation of values from all those rules.

### Marketing

Campaign	Christmas Special	▼	🔗
Medium	Google Adwords	▼	🔗
Source	Search engine	▼	🔗

### Misc

Days to Assign	0.00
Days to Close	0.00
Referred By	

### Scoring

Scoring Rules

Belgium Score Not China Score Email

Language

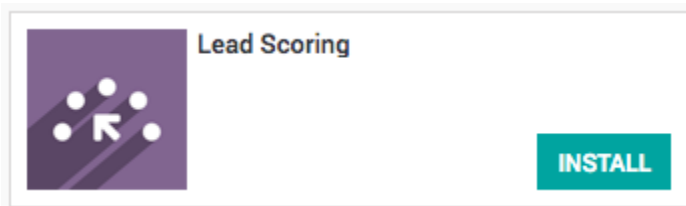
## 3.3.4 Assign leads based on scoring

With Leads Scoring you can automatically rank your leads based on selected criterias. See how you can *measure the score for an opportunity based on the user behaviour on website*.

For example you could score customers from your country higher or the ones that visited specific pages on your website.

## Configuration

Install a module **Lead Scoring** under your **Apps** page available in CPAbooks Enterprise only.



## Generate Leads

Leads/Opportunities can be generated through the below listed methods

- Generate leads/opportunities from emails
- Generate leads/opportunities from your website contact page

## Create scoring rules

You now have a new menu in your **CRM** app called **Leads Management / Scoring Rules** where you can manage your scoring rules. Here's an example for a *Pricing Page Score*, you can modify for whatever criteria you wish to score your leads on. You can add as many criterias as you wish.

Scores / Aboutus Score

SAVE DISCARD 6 / 8 < >

0 Leads

### Pricing Page Score

Rule Type	Scoring
Value	8.00
Domain	[[score_pageview_ids.url, 'ilike', '%/pricing']]
Event-based rule	<input type="checkbox"/>
Active	<input checked="" type="checkbox"/>

Every hour every lead without a score will be automatically scanned and assigned their right score according to your scoring rules.

## Assign leads

Once the scores computed, leads can have enough information to classify that it is belongs to which sales team. Lead be assigned to specific teams using the same domain mechanism. To do so go to **CRM / Leads Management / Team Assignment** and apply a specific domain on each team.

This domain may include lead scores, page visited by visitor, and other information such as country, city, availability of the email or phone.

Please go through **Automatic leads assignation to team members** topic in Customer Relationship Management section.

### 3.3.5 Email marketing on the lost activity to reactive them

Massmail is a great tool to send the bulk emails to your contacts. Reactive the old leads could bring your a business, nothing wrong to send them an email which could reactive opportunities from them lost once.

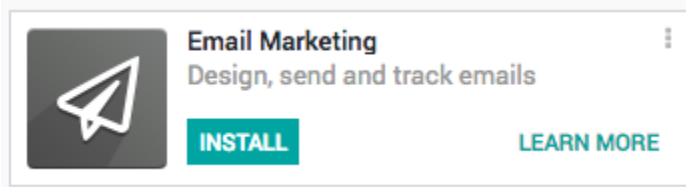
**Tip:** The correct reason required on the old leads before you send email to them, like discount on the product/service to only those customers who lost actually because of the budget.

## Business case

Let's send the offer to have 20% discount on the product/service, who actually lost because they did not have a budget.

## Configuration

**Email Marketing** is a separate app required to be installed separately, this app is not limited to use with the CRM or Sales, It can be used to send the email in bulk for Recruitment, Mailing List, Participants of the Event, etc.



## Create mass mail

Create a mass mail from the Email Marketing / Mailings, you need an attractive subject, choose *Leads / Opportunity* in the **Recipients** field, below that you can actually define the criteria to choose the leads / opportunities which will receive the email from this mass mailing.

I choose all the leads which was Lost and the reason for mark as lost because, they do not have Not enough budget.

Mailings / December special offer, 20% flat discount

SAVE DISCARD 1 / 1 < >

SEND NOW SCHEDULE TEST DRAFT IN QUEUE SENDING SENT

Subject: December special offer, 20% flat discount

Recipients: Lead/Opportunity

Match records with ALL of the following rules: 129 RECORD(S)

Is Lost	is	set (true)	X + -
Lost Reason	=	Not enough budget	X + -

Mail Body Options

Select a template

### Plain Text

Placeholder for plain text content.

### Thank you for joining us!

Placeholder for a thank you email template.

### odoo

Placeholder for an Odoo-related email template.

### Airmail

Placeholder for an Airmail-related email template.

## Send Emails

The process of sending an email takes time based on the number of email to send and how fast your email service provider.

### Test before you send

It is advisable to check how email looks in your mailbox before you send it to the prospects, you can check by sending a copy of the email to your own email account by clicking on **Test** button.

Test Mailing
✕

---

Send a sample of this mailing to the above of email addresses for test purpose.

Recipients
Administrator <admin@example.com>

---

SEND SAMPLE MAIL
CANCEL

### Send to all

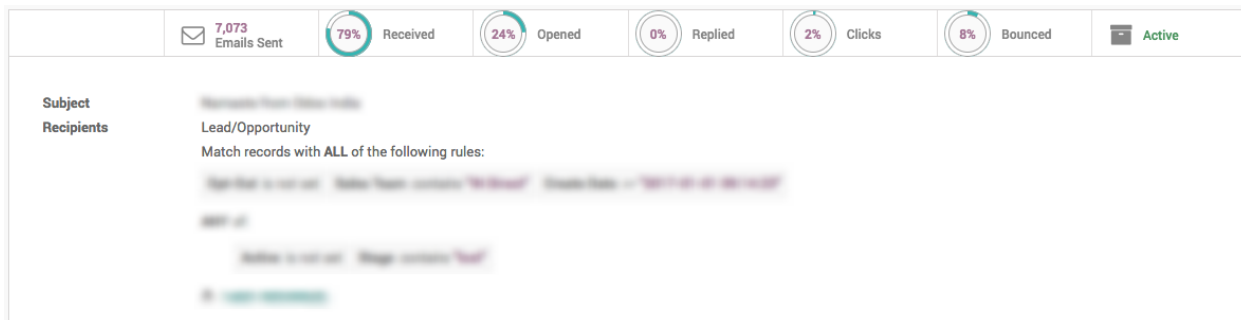
If you found the email looks well on your mailbox, you can send email to all the leads/opportunities who are selected on the mailing.

By default email marketing will be scheduled for the specific date and time and will be processed accordingly. Emails will be generated and queued in the system, automatic scheduler will process that email queue and send those emails.

**Note:** Some mail marketing may take time to send the emails depending on the email providers, some email may go to spam if if your provider does not configure well or the subject and content of the email looks like a spam mail.

## Statistics

Statistics will be enabled as soon as schedule start processing the email, you can actually see the number of email sent, bounced, opened by the receiver, replied on that email or number of user clicks on the link if you attached any links in the email.



## SALES AND INVOICING

### 4.1 Introduction

### 4.2 Setup CPAbooks Sales Application

Please follow the steps listed below to setup and start using CPAbooks sales application for your business.

- Setup your company information
- Choose the quotation layout you prefer for your company
- Setup the payment option you prefer, I prefer to confirm the order when customer sign quotation online
- Send the first sample quotation to the customer and see how it looks like

#### 4.2.1 Video

Access the video at <https://www.youtube.com/watch?v=CkPzRuRlxGE>

### 4.3 Sales Quotation

#### 4.3.1 Create your first quotation and offer 5% discount to a customer

For example, *My Company* sells electronic products and a client *John Deo* showed interest in buying 3 *iPads* to facilitate their operations. I would like to send them a quotation for *Material* with a sales price of *100 USD* per *iPad* with a **5% discount**.

#### Video

Access the video at <https://www.youtube.com/watch?v=th6l7YAYNA0>

<https://www.youtube.com/watch?v=th6l7YAYNA0>

### 4.3.2 Send quotation by email and ask a customer to sign online

Let's send your first quotation by email, so that customer can view and start negotiation on the quotation and sign online.

#### Video

Access the video at <https://www.youtube.com/watch?v=XLHhuDsbmgE>

### 4.3.3 Set default terms and condition on quotation

Let's take an example of the trading company, they want to define the terms and conditions should be applied on all the quotation created by any salesman.

They want to set the below point as a default terms and conditions:

- This proposal is valid for 30 days
- The goods will be delivered within 10 working days
- All the taxes will be charged extra
- The payment should be released immediately with confirmed order

---

**Tip:** The payment terms will be added automatically at the end of every quotation as a part of the terms and conditions in the printed quotation if any.

---

#### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 4.3.4 Apply default taxes when creating new product

Taxes applied in your country are installed automatically for most localizations. Default taxes set in orders and invoices come from each product's Invoicing tab. Such taxes are used when you sell to companies that are in the same country/state than you.

#### Business case

Let's set the default sales and purchase tax to Tax 15.00%.

## Configuration

All the new products created in the CPAbook take the default tax set in the **Accounting/Invoicing** settings. To change the default taxes set for any new product created, goto **Invoicing / Configuration / Settings**.

Taxes							
<b>Default Taxes</b> Default taxes applied to local transactions <table border="1"> <tr> <td>Sales Tax</td> <td>Tax 15.00%</td> <td>▼ </td> </tr> <tr> <td>Purchase Tax</td> <td>Tax 15.00%</td> <td>▼ </td> </tr> </table>	Sales Tax	Tax 15.00%	▼	Purchase Tax	Tax 15.00%	▼	<b>Rounding Method</b> How total tax amount is computed in orders and invoices <p> <input checked="" type="radio"/> Round per Line  <input type="radio"/> Round Globally           </p>
Sales Tax	Tax 15.00%	▼					
Purchase Tax	Tax 15.00%	▼					
<input type="checkbox"/> <b>TaxCloud</b> Compute tax rates based on U.S. ZIP codes	<input type="checkbox"/> <b>EU Digital Goods VAT</b> Apply right VAT rates for digital products sold in EU						

## Create new product

Let's create a new product, the default tax which was applied should be applied on this product.

		\$ 0 Sales	Active
<b>Product Name</b> Material			
<input checked="" type="checkbox"/> Can be Sold <input checked="" type="checkbox"/> Can be Purchased			
General Information   Sales <b>Invoicing</b> Notes			
<b>Receivables</b> Customer Taxes <b>Tax 15.00% x</b>		<b>Payables</b> Vendor Taxes	

## Create sales order

Let's create a new order and select the same product on the order line, the tax which was set on the products should be applied on the sales order line tax field.

## New

Customer Customer Expiration Date Payment Terms

Order Lines Other Information

Product	Description	Ordered Qty	Unit Price	Taxes	Subtotal
Material	Material	1.000	100.00	Tax 15.00% x	\$ 100.00

Add an item

Setup default terms and conditions in your sales settings ...

Untaxed Amount:	\$ 100.00
Taxes:	\$ 15.00
<b>Total:</b>	<b>\$ 115.00</b>

Now, your salesman do not have to remember that what taxes to be applied on which product.

### Video

Access the video at [https://www.youtube.com/watch?v=7I7v5fYk\\_pI](https://www.youtube.com/watch?v=7I7v5fYk_pI)

## 4.3.5 Sections on quotation to separate the material and service

Let's take an example of the trading and service company who wants to send the quotation for Air-condition, related material, installation and annual maintenance contract service.

### Video

Access the video at <https://www.youtube.com/watch?v=zMGfqTJaYQ4>

## 4.4 Quotation Template

### 4.4.1 Create quick quotation using quotation template

If you often sell the same products or services, you can save a lot of time by creating standard quotation templates. By using a quotation template you can send a complete quotation in no time.

#### Business case

The service company who is selling the offshore projects to their customers with standard set of service products such as Project manager days, Developer days, and Project setup fee. The developers days are minimum to 20 days and project manager are one third of the developer days.



## Configuration




Assumed that **Sales Management** application is installed.

### Quotation template

Quotation template is a great feature that allows user to create offers with group of products those are sold together.

**Quotations & Orders**

☐ **Tax Display**  
Line subtotals in sales orders  
  
☒ Tax-Excluded Prices  
☐ Tax-Included Prices

☒ **Quotations Templates**  
Design standardized offers  
  
 Default Template: Offshore Projects    
☒ **Quotation Template** 

Default Template  
 Offshore Projects  
[Create and Edit...](#)

☐ **Default Terms & Conditions**  
Show standard terms and conditions

☐ **Sections on Sales Orders**  
Sort products in sections with subtotals and page-breaks

☐ **Online Signature & Payment**  
Let your customers sign & pay online

☐ **Customer Addresses**  
Set specific billing and shipping addresses

☐ **Warnings**  
Get warnings in orders for products or customers

☐ **Lock Confirmed Orders**  
No longer edit orders once confirmed

### Create a products

Create the list of products that you are going to sale together, in our business case the list of products of type service are as below:

- Offshore Project Setup Fee
- Project Manager Consulting Days
- Developer Days

### Create your quotation template

The quotation templates can be found under **Sales / Configuration / Quotation Template**, create or edit an existing template. Enter the appropriate name of the template and select the list of product(s) and their quantity as well as the expiration time for the quotation.

Active
Edit Template

Quotation Template

## Offshore Projects

Quotation expires after 30 days

Lines
Suggested Products
Confirmation

Product	Description	Quantity
Offshore project setup fee	Offshore project setup fee	1.00
Project manager days	Project manager days	5.00
Developer days	Developer days	20.00

[Add an item](#)

Terms and conditions specific to the offshore projects.

**Tip:** You can also specify discount, if discount option is activated in the Sales settings.

## New

Customer: China Export
Quotation Template: Offshore Projects
Expiration Date: 08/17/2018
Payment Terms:

Order Lines
Suggested Products

Product	Description	Ordered Qty	Unit Price	Taxes	Subtotal
Offshore project setup fee	Offshore project setup fee	1.000	500.00	Tax 15.00%	\$ 500.00
Project manager days	Project manager days	5.000	200.00	Tax 15.00%	\$ 1,000.00
Developer days	Developer days	20.000	120.00	Tax 15.00%	\$ 2,400.00

[Add an item](#)

Terms and conditions specific to the offshore projects.

Untaxed Amount: \$ 3,900.00  
Taxes: \$ 585.00  
**Total: \$ 4,485.00**

**Tip:** You can select a template to be suggested by default in the Sales settings.

## Send quotation by email

You have to send the quotation by email, so that the quotation can be viewed, accept or reject or paid online by the customer.

## Quotation viewed by customer


As a salesman you can start the follow-up on the quotation as soon as you see that a quotation viewed by customer. Everytime customer open the quotation preview you will have a message in chatter, this features of the quotation template help salesman to understand the customer interest on quotation.

[Send message](#)
[Log note](#)
[Schedule activity](#)

✓ Following
🔔
👤 2


---

Today



Note by **China Export** - 2 minutes ago

Quotation viewed by customer



**Administrator** - 2 minutes ago [✉](#) [☆](#)

Dear China Export ,

Here is the quotation **SO004** amounting in \$ **4,485.00** from My Company.

Accept and sign online

(or view attached PDF)

You can reply to this email if you have any questions.

Thank you,

[read more](#)

**Tip:** You may remove the attached quotation (pdf file) at the time sending quotation by mail, if you want your customer should open quotation online.

## Video

Access the video at <https://www.youtube.com/watch?v=OeFJyESIILs>

## 4.4.2 Increase your sales with suggested products

The use of suggested products is an attempt to offer related and useful products to your client. For instance, a client purchasing a cell phone could be shown accessories like a protective case, a screen cover, and a headset.

## Business case

The consulting company want to add the suggested product such as *Software training program* on the quotation when they make a quotation for *Offshore Projects*.

## Configuration

Assumed that the **Sales Management** application is installed and quotation template is configured well for the *Offshore Project*.

## Suggested products

Open the Offshore Project quotation template, add the product(s) under the **Suggested Product** tab on quotation template. In our case let's add the Software training program as a service product.

Quotation Template

Active

Edit Template

Quotation Template

Offshore Projects

Quotation expires after

30

days

Lines

Suggested Products

Confirmation

Product	Description	Quantity
Software training program	Software training program, a 5 days of functional training program for the consultant.	1.00
<a href="#">Add an item</a>		

Terms and conditions specific to the offshore projects.



## Configuration

Assumed that the **Sales Management** application installed.

## Discounts

In this business case, we would like to offer 5% discount to our customer on the sale price.

**Discounts** feature can be activated from **Configuration / Settings** , under the **Pricing** section.

Pricing	
<input checked="" type="checkbox"/>	<b>Discounts</b> Allow manual discounts on order lines
<input type="checkbox"/>	<b>Multiple Sales Prices per Product</b> Set multiple prices per product, automated discounts, etc.
<input type="checkbox"/>	<b>Margins</b> Show margins on orders
<input type="checkbox"/>	<b>Coupons &amp; Promotions</b> Manage promotion & coupon programs
	<b>Customer Account</b> Let your customers log in to see their documents
	<input checked="" type="radio"/> On invitation (B2B)
	<input type="radio"/> Free sign up (B2C)

## Create a quotation

Quotation can be created from **Sales / Order / Quotations**, click on **CREATE** button to create a new quotation, select customer and add product *iPad Mini* on the quotation, the default price you will see is 320\$.

## Apply discount

By default the discount will not be applied as we choose to apply manual discount, to apply 5% discount enter 5 in the **Discount (%)** field for iPad Mini product in the sales order line.

---

**Tip:** The discount should be entered between 0 to 100, it computes discount in percentage. The price will change automatically when you enter the discount.

---

S0005

Customer

China Export

Expiration Date

Quotation Template

Payment Terms

Order Lines

Suggested Products

Other Information

Product	Description	Ordered Qty	Unit Price	Taxes	Discount (%)	Subtotal
✚ iPad Mini	iPad Mini	320.000	1.00	Tax 15.00%	5.00	\$ 304.00
Add an item						

Setup default terms and conditions in your sales settings ...

Untaxed Amount:

\$ 304.00

Taxes:

\$ 45.60

Total:

\$ 349.60

## Printing quotation

Discount column will be appeared on the quotation when you have applied discount on any of the product on quotation. Don't be surprised if you don't see the discount column on the quotation, which means that you have not applied discount on any of the product on quotation as you don't want to offer discount to your customer.

**Tip:** All the taxes applicable on the product will be computed on the discounted product price (i.e. Taxes will be computed on **Subtotal**)

## Video

Access the video at [https://www.youtube.com/watch?v=1yKZfcgf-\\_0](https://www.youtube.com/watch?v=1yKZfcgf-_0)

## 4.5.2 Adapt product price based on customer segment (e.g. Retailer or Distributor)

Sales and distribution business works on the margin basics, the percentage of margin are fixed for the distributors based on their turnover. The MRP of the product is decided included the margins for the retailers, stockist, distributors. In this section you will see how pricelist can help you to achieve to define the product price based on the customer type (retailer and distributors).

## Business case

The *My Company* sells the electronic products such as *Computers*, *Laptops*, and *Printers*, they want to set up the pricing rules for their *Retailer* and *Distributors*. The price they would like to offer are as below:

Product	Sales Price (MRP)	Distributors (Price)	Retailer (Price)
Laptops	1099	900	999
Desktop	999	740	799
Printer	499	330	399
Tablet	799	620	699

## Configuration

Assumed that the **Sales Management** application installed, let's see what are the other configuration you have to do before you execute the business case.

## Pricelist

To setup the customer segment specific price you have to enable the feature called **Multiple Sales Prices per Product** available under the **Sales / Configuration / Settings**. Keep the default option selected **Multiple prices per product (e.g. customer segments, currencies)** under the **Sales Pricelist** option, using that you can define the customer segment specific pricelist.

☐

**Discounts**  
Allow manual discounts on order lines

☒

**Multiple Sales Prices per Product**  
Set multiple prices per product, automated discounts, etc.  

Multiple prices per product

☒ (e.g. customer segments, currencies)

Prices computed from

☐ formulas (discounts, margins, roundings)

[→ Pricelists](#)

☐

**Margins**  
Show margins on orders

☐

**Coupons & Promotions**  
Manage promotion & coupon programs

**Customer Account**  
Let your customers log in to see their documents

☒ On invitation (B2B)

☐ Free sign up (B2C)

## Product

Let's create the products you are selling, to create the products go to **Sales / Catalog / Products**, create a product, enter the **Name**, set **Image** and **Sales Price**, the customer specific price you can define under the **Sales** tab.


\$ 0 Sales
 Active

---

Product Name

# Laptop

☒ Can be Sold  
☒ Can be Purchased



General Information

Sales

Invoicing

Notes

---

## Pricing

Pricelist	Price	Min. Quantity	Start Date	End Date
Distributor Pricelist (USD)	900.00	1		
Retailer Pricelist (USD)	999.00	1		
Distributor Pricelist (USD) <div style="float: right;"> </div>	790.00	5	<div style="text-align: center;"></div>	<div style="text-align: center;"> </div>

Public Pricelist (USD)  
 Retailer Pricelist (USD)  
**Distributor Pricelist (USD)**  
[Create and Edit...](#)



Create a pricelist if not created before, enter the name of the pricelist (i.e. Retailer Pricelist) and click on **Create “Retailer Pricelist”** link, enter the **Price** and **Min. Quantity**, keep the Min. Quantity to 1 by default if you don’t want to put the constraint on the minimum order quantity.

You can create a multiple lines for the same pricelist (i.e. *Distributor Pricelist*) in case you want to offer a special price to the distributor, when they buy more than 1 quantity. (i.e. **Distributors** can get the *Laptop* at 790 price, if they order minimum 5 or more quantities)

The **Start Date** and **End Date** is used to limit the offer for a specific dates, assume that you want to offer a special price for the Christmas (i.e. **Start Date** to 20/12/2018 and **End Date** to 31/12/2018)

## Customer


The customers can be defined as a distributor or retailer by setting the specific pricelist on them. Pricelist can be set on the customer form under the **Sales & Purchases** tab.

Customer Ledger		\$ 1 Sales	Active	\$ 0.00 Invoiced
-----------------	--	------------	--------	------------------

☐ Individual
 ☒ Company

### China Exporters



**Address**  
 Street...  
 Street 2...  
 City State ZIP  
 Country  
 TIN e.g. BE0477472701  
 Tags Tags...

**Phone**  
 Mobile  
 Email  
 Website chinaexporters.xyz  
 Language English

Contacts & Addresses Internal Notes **Sales & Purchases** Invoicing

**Sale**  
 Is a Customer ☒  
 Salesperson  
 Sale Pricelist Distributor Pricelist (USD)

**Purchase**  
 Is a Vendor ☐  
 Payments  
 0 Bank account(s) 0 Credit card(s)

**Misc**  
 Internal Reference  
 Industry

Public Pricelist (USD)  
 Retailer Pricelist (USD)  
**Distributor Pricelist (USD)**  
 Create and Edit...

## Create sale order

Let's send a quotation to your customer, create the quotation from **Sales / Orders / Quotation**, depending on the customer the pricelist will be set on the quotation and the product price will be appeared accordingly, when you add products on the quotation.

### New

Customer China Exporters
Expiration Date
Pricelist Distributor Pricelist (USD)
Payment Terms

Order Lines
Other Information

Product	Description	Ordered Qty	Unit Price	Taxes	Subtotal
Laptop	Laptop	10.000	790.00	Tax 15.00%	\$ 7,900.00

Add an item

Setup default terms and conditions in your sales settings ...

Untaxed Amount: \$ 7,900.00  
Taxes: \$ 1,185.00  
Total: **\$ 9,085.00**

Create a quotation for *China Export* (Distributor), add 50 quantity of Laptop, the special price 790/unit applied as we prepare the quotation for more than 5 quantity.

**Tip:** Pricelist can be changed on the quotation after selecting a customer. The pricelist selected on the quotation have the higher priority over the pricelist assigned to the customer.

Now, a salesman can create quotations quickly regardless of the customer type and price offered to them, of course a correct pricelist have to be configured when you create customer, it can be reviewed later depending on the turnover.

## Video

Access the video at <https://www.youtube.com/watch?v=X5RDXW5anKQ>

### 4.5.3 Adapt product price based on customer country or location (e.g. Price in € or \$)

An international sales and distribution business network required accurate price conversion or the price rules according to the customer's country. During quotation process some business prefer to have the rate conversion while some business wants to define the price based on the geographic locations irrespective of currency conversion. You can configure both business case using the pricelist.



**Pricing**

☐ **Discounts**  
Allow manual discounts on order lines

☒ **Multiple Sales Prices per Product**  
Set multiple prices per product, automated discounts, etc.
 

Multiple prices per product  
☒ (e.g. customer segments, currencies)  
 Prices computed from  
☐ formulas (discounts, margins, roundings)  
[→ Pricelists](#)

☐ **Margins**  
Show margins on orders

☐ **Coupons & Promotions**  
Manage promotion & coupon programs

☐ **Customer Account**  
Let your customers log in to see their documents  
☒ On invitation (B2B)  
☐ Free sign up (B2C)

To create a new pricelist goto Sales / Catalog / Pricelist, create a three different pricelist, set the Currency field on each pricelist. Let's create a pricelist for european and middle east customers where we offer the price in EUR (€).

Pricelists / EMEA Pricelist (EUR)

[SAVE](#) [DISCARD](#) 2 / 2 < >

Active

### EMEA Pricelist

Currency	EUR		
Country Groups	Name	Europe	
	<a href="#">Add an item</a>		

Enter *EMEA Pricelist* in the **Name** field, select *EUR* in the **Currency** field and add the *Europe* in the **Country Group** field.

**Note:** The country group is used to assign pricelist automatically when customer is being created. So, even if your salesman forget to assign pricelist the system will assign automatically when customer's country is set on the customer.

## Product

Let's create the product *Laptop*, goto **Sales / Catalog / Products** to create the product, enter **Name**, set **Image** and **Sales Price**, the country specific price or currency specific price can be defined under the **Sales** tab.

Product Name

**Enterprise Contract (User)**

☒ Can be Sold  
☒ Can be Purchased

General Information Sales Invoicing Notes

**Pricing**

Pricelist	Price	Min. Quantity	Start Date	End Date
Public Pricelist (USD)	24.00	1		
EMEA Pricelist (EUR)	18.00	1		

[Add an item](#)

Select the Pricelist and enter the Price, the price enter is respective of the currency defined on the pricelist (i.e. in this case we have defined 24 USD and 18 EUR).

You can create a multiple lines for the same pricelist, in case you want to offer a special price to customers, when they buy more than 1 quantity.

The **Start Date** and **End Date** is used to limit the offer for a specific dates, assume that you want to offer a special price for the *Christmas* (i.e. **Start Date** to 20/12/2018 and **End Date** to 31/12/2018)

## Customer

Create a customer, enter the name, city, country and other contact details such as email and mobile and save the customer detail, as soon as you save the customer the pricelist will be assigned on the customer automatically based on the customer's country, review the pricelist set on the customer form under the **Sales & Purchases** tab.

Customer Ledger
1 Sales
Active
\$ 0.00 Invoiced

Individual
Company

## China Exporters

Address

Street...
Street 2...
Paris
State
ZIP
France

TIN

e.g. BE0477472701

Tags

Tags...

Phone
Mobile
Email
Website
Language

http://chinaexporters.xyz
English

Contacts & Addresses
Internal Notes
Sales & Purchases
Invoicing

Sale

Is a Customer
Salesperson
Sale Pricelist

☒

EMEA Pricelist (EUR)

Purchase

Is a Vendor

☐

Misc

Internal Reference
Industry

Payments

0 Bank account(s)
0 Credit card(s)

However, you can change it manually, if system detect wrong pricelist, you may choose same country on more than one country group which was assigned to different pricelists.

## Create a quotation

Let's send a quotation to your european customer, create the quotation from **Sales / Orders / Quotation**, pricelist will be set on the quotation and currency of the quotation will be changed accordingly, the product price will be appeared accordingly, when you add products on the quotation.

## New

Customer
China Exporters
Expiration Date
Pricelist
EMEA Pricelist (EUR)
Payment Terms

Order Lines
Other Information

Product	Description	Ordered Qty	Unit Price	Taxes	Subtotal
Enterprise Contract (User)	Enterprise Contract (User)	10.000	18.00	Tax 15.00% x	180.00 €

Add an item

Setup default terms and conditions in your sales settings ...

Untaxed Amount: 180.00 €
Taxes: 27.00 €
Total: 207.00 €

Create a quotation for *China Export*, add 10 quantity of *Enterprise Contract (Users)*, 14 EUR /user applied as we

prepare the quotation in EUR currency.

Now, a salesman can create quotations quickly regardless of the customer type and price offered to them, of course a correct pricelist have to be configured when you create customer, it can be reviewed later depending on the turnover.

### Price based on currency conversion

Remove all the lines on the product **Pricing** and set correct **Sales Price** on the product form.

Product Name  
**Enterprise Contract (User)**

☒ Can be Sold  
☒ Can be Purchased

General Information Sales Invoicing Notes

Product Type Consumable Sales Price \$24.00  
Category All Cost \$0.00  
Internal Reference  
Barcode

The price defined on the product is respective to the company currency (USD). Let's create a quotation for the same customer and see what price will be proposed by the pricelist.

SO003

Customer China Exporters Expiration Date  
Pricelist EMEA Pricelist (EUR)  
Payment Terms

Order Lines Other Information

Product	Description	Ordered Qty	Unit Price	Taxes	Subtotal
Enterprise Contract (User)	Enterprise Contract (User)	1.000	20.40	Tax 15.00%	20.40 €

Add an item

Setup default terms and conditions in your sales settings ...

Untaxed Amount: 20.40 €  
Taxes: 3.06 €  
Total: 23.46 €

## Video

Access the video at <https://www.youtube.com/watch?v=40U5wkKscE0>

### 4.5.4 Compute and apply discount automatically based on the pricelist

Allowing discounts on quotations is a common sales practice to improve the chances to convert the prospect into a customer, when you are not offering discount to all the customers, keep it manual and offer when customer demands. In case you have to apply discount for specific customer or products every time, it is quite difficult for salesman to remember those products or customer and apply the discount manually on each quotation.

#### Business case

The trading company “*My Company*” manufactures the *Computer Desk* and selling to their distributors and to retail customers.

They sell to retail customer at a public price of 3200 but when they sell to distributors the price would be 2240, and they show the percentage of the discount which was offered on the public price.

#### Configuration

Assumed that you have installed the **Sales Management** application.

#### Discount

By applying discount on the quotation, the product price will get decreased, the discount will be visible to the customer on quotation, this will encourage the customer to close the deal quickly.

The discount feature has to be enabled to show the percentage of the discount offered to the customer on quotation, it can be activated from **Sales / Configuration / Settings**.

#### Product Pricing


You need a pricelist to apply the product price based on the business rules such as discount or periodically price variations for a product(s). Let's go to **Sales / Configuration / Settings** and activate the **Multiple Sales Prices per Product options** as of now we will keep the **Multiple prices per product** (e.g. customer segments, currencies) option selected by default.

Let's create a *Distributor Pricelist*, the Public Pricelist available as a default, the pricelist can be accessed from **Sales / Catalog / Pricelists**. Create pricelist name it as *Distributor Pricelist* and change the **Discount Policy** to *Show public price & discount to the customer*.



Pricelists / New

[SAVE](#) [DISCARD](#)

 Active

## Distributor Pricelist

---

**Discount Policy**

☐ Discount included in the price  
☒ Show public price & discount to the customer

**Country Groups**

Name


[Add an item](#)

The discount policy decides, whether the discount will be computed based on the pricelist and will be visible to customer on quotation or not. When you choose *Discount included in the price* the product price will be computed by applying the discount (%) and discount will not be visible to customer on quotation.

**Tip:** The *Discount included in the price* option can be used to apply the price variation such as commodity price, it may decrease or increased.

## Create a product

Let's create the product and define the pricing rules so depending on the customer the price will be applied automatically. The **Pricing** rules can be applied under the **Sales** tab on product form.

\$ 0 Sales
 Active

**Product Name**

## Computer Desk

☒ Can be Sold  
☒ Can be Purchased



General Information

Sales

Invoicing

Notes

**Pricing**

Pricelist	Price	Min. Quantity	Start Date	End Date
Distributor Pricelist (USD)	2,240.00	1		
Public Pricelist (USD)	3,200.00	1		

[Add an item](#)

I have created two pricing rules, one for *Distributor Pricelist* and another for *Public Pricelist*. The customer which do not comes under any of those pricing rules the **Sales Price** defined on the product will be applied in that case.

## Create a customer

Create a customer *China Export* of type distributor, we will offer the *Computer Desk* to them at a special price.

Customer Ledger
\$ 0 Sales
Active
\$ 0.00 Invoiced

Individual
Company

### China Export

Address

Street...
Street 2...
City
State
ZIP
Country

TIN

e.g. BE0477472701

Tags

Tags...

Phone
Mobile
Email
Website
Language

e.g. www.odoo.com
English

Contacts & Addresses
Internal Notes
Sales & Purchases
Invoicing

Sale

Is a Customer
☒
Salesperson
Sale Pricelist
Distributor Pricelist (USD)

Purchase

Is a Vendor
☐

Misc

Internal Reference
Industry

Payments

0 Bank account(s)
0 Credit card(s)

To define this customer as a distributor, select the *Distributor Pricelist (USD)* in **Sales Pricelist** field available under the **Sales & Purchase** tab.

## Create a quotation

Create a quotation from **Sales / Orders / Quotations**, select the *China Export* as a customer, a *Distributor Pricelist (USD)* will be selected automatically on the quotation. Now add the product *Computer Desk* on the order lines, **Unit Price** will be set to 3200 but **Subtotal** computed and shows 2240 as an automatic 30% discount computed and set on the **Discount** field based on the *Distributor Pricelist*.

**S0002**

Customer: John Doe      Expiration Date:      Pricelist: Distributor Pricelist (USD)      Payment Terms:

Order Lines      Other Information

Product	Description	Ordered Qty	Unit Price	Taxes	Discount (%)	Subtotal
+ Computer Desk	Computer Desk	1.000	3,200.00		30.00	\$ 2,240.00

[Add an item](#)

Setup default terms and conditions in your sales settings ...

Untaxed Amount:	\$ 2,240.00
Taxes:	\$ 0.00
<b>Total:</b>	<b>\$ 2,240.00</b>

The 30% is computed based on the difference between price offered to distributors and the product **Sales Price**. *I.e.*  $3200 - 2240 = 960$  which is 30% of the 3200 price.

## Video

Access the video at [https://www.youtube.com/watch?v=\\_8QH8XR\\_HUo](https://www.youtube.com/watch?v=_8QH8XR_HUo)

## 4.6 Unit of Measure

### 4.6.1 Sell product in a multiple unit of measure

#### Business Case

Assuming that you are a reseller for the Beer, you buy in bulk (i.e. carton of 1000 units) and sell in the small packages (i.e. Pack of 4, 8, 10 or 12).

## Video

Access the video at <https://www.youtube.com/watch?v=IC50CEHvJTw>

### 4.6.2 Sell products by multiple of unit # per package

#### Business Case

You can restrict product quantity on the sales order (pack of 6 or 12) so that it can be sold only in predefined package size.

## Video

Access the video at <https://www.youtube.com/watch?v=bpPvdAT4Lks>

### 4.6.3 Purchase meat in carton (~20kg/each), keep stock of cartons/kg and sell in carton or kg

#### Business Case

Assumed that you are in food industry and you buy bulk meat in carton and sell to business (hotels) per carton or consumers (end customer) per kg.

You also would like to see the stock of meat in your warehouse by # cartons and kg per carton.

## Video

Access the video at <https://www.youtube.com/watch?v=5ATD2zIMk8A>

### 4.6.4 Purchase LED Lights in pack of 25pcs and sell single unit or pack of 25pcs

#### Business Case

Assuming that you are a reseller for LED lights, you buy in pack of 25, and sell in pack of 25 as it is or single unit.

## Video

Access the video at [https://www.youtube.com/watch?v=ZYu\\_zVrHMMQ](https://www.youtube.com/watch?v=ZYu_zVrHMMQ)

## 4.7 Product and Tax

### 4.7.1 Adapt prices for Business to Customer (tax included in product price)

#### Business Case

Assume that you are retailer who buy the products from distributor and selling them to consumer, your customer always wanted to know product price included in tax.

Let's setup the product's sale price included tax.

## Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 4.7.2 Adapt product prices for Business to business (tax excluded) and Business to Customer (tax included)

#### Business Case

Assume that you are distributor who sell products to retailer but sometimes you also selling to consumer too. For you the challenge is to maintain two different price for product.

When you sell to retailer the price is excluded of product and when you sell to consumer that product price must be inclusive of tax.

Let's setup the product's sale price for business and for consumer.

## Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

## 4.8 Invoicing

### 4.8.1 Send Pro-Forma Invoice to your customers

#### Business Case

Pro-Forma invoice is same as the quotation, but sometimes customer need the pro-forma invoice in order to process the bank payment.

Assume that your customer asking you for the pro-forma invoice.

Let's send the pro-forma invoice to customer.

## Video

Access the video at <https://www.youtube.com/watch?v=1mjExs32Zg8>

### 4.8.2 Create invoice based on the delivered quantity

#### Business Case

Assume that your customer place bulk order, you need long time to deliver order. So, you would like to send the invoice just after the delivery based on the delivery.

But, for you the biggest challenge is how to control the invoice based on the delivery when inventory is not managed in Odoo.

Let's see how to create an invoice based on the delivery when inventory application is not managed in Odoo.

## Video

Access the video at <https://www.youtube.com/watch?v=Ps7CY-tHFWU>

### 4.8.3 Create credit note from sales order, when customer return the product

#### Business Case

Assume that your customer place bulk order, so the invoicing policy you follow is to send the invoice just after the delivery based on the delivery.

But, for you the biggest challenge is how to control the invoice or credit note based on the sale delivery or return of some products when inventory is not managed in CPAbooks.

Let's see how to create an invoice or credit note based on the delivery or return when inventory application is not managed in CPAbooks.

## Video

Access the video at [https://www.youtube.com/watch?v=pM\\_ZpbEFixI](https://www.youtube.com/watch?v=pM_ZpbEFixI)

### 4.8.4 Create single invoice from multiple sales orders

#### Business Case

Assume that you have a multiple sales order for the same customer which are not invoiced and you would like to invoice them all at once as you invoice at the end of every month to all your customers.

Let's see how to create single invoice from the multiple sale orders.

## Video

Access the video at <https://www.youtube.com/watch?v=vSLAb8VKdTk>

## 4.9 Customer Portal

### 4.9.1 Online customer approval on quotation

Sending an online quotation can speed up the negotiation process, customer can negotiate and approve the quotation online, this can boost up your sales process and minimize the sales cycle.

## Business case

The service company who is selling the *Support pack* which is service offered at fixed price. As soon as customer accept the proposal, customer can start sending the support requests. The company wants to get the online signature from the customer and customer can release the payment based on the payment terms.

## Configuration

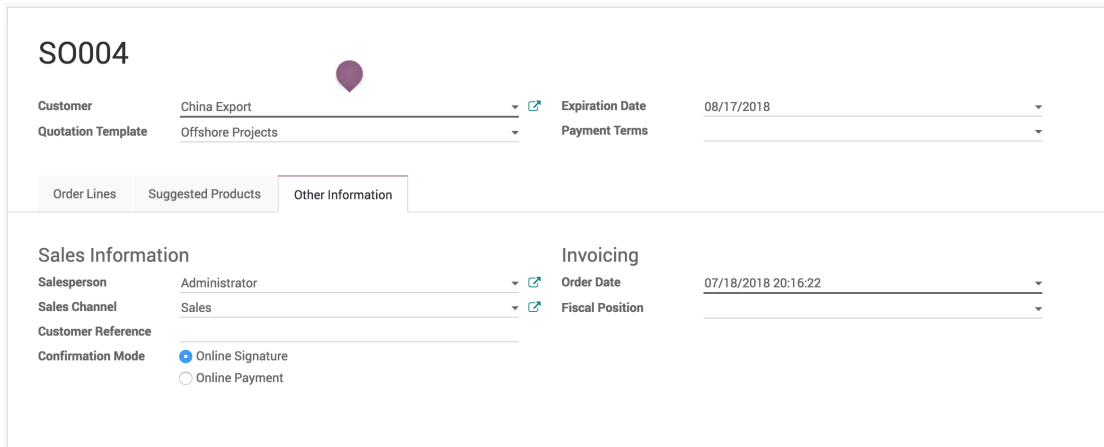
Assumed that you have installed **Sales Management** application, configure the quotation template for the support packs.

## Online signature

The **Confirmation Mode** on the quotation template available on the **Confirmation** tab is set to *Online Signature* by default. The customer can confirm the quotation by themselves by signing the quotation. Keep it as it is when you just want the online signature form customer.

## Create and send quotation by email

Create a quotation select customer, select quotation template. Before you send the quotation to customer make sure that **Confirmation Mode** is set to *Online signature* on quotation under the **Other Information** tab.



**SO004**

Customer: China Export    Expiration Date: 08/17/2018

Quotation Template: Offshore Projects    Payment Terms:

Order Lines   Suggested Products   **Other Information**

**Sales Information**

Salesperson: Administrator    Invoicing

Sales Channel: Sales    Order Date: 07/18/2018 20:16:22

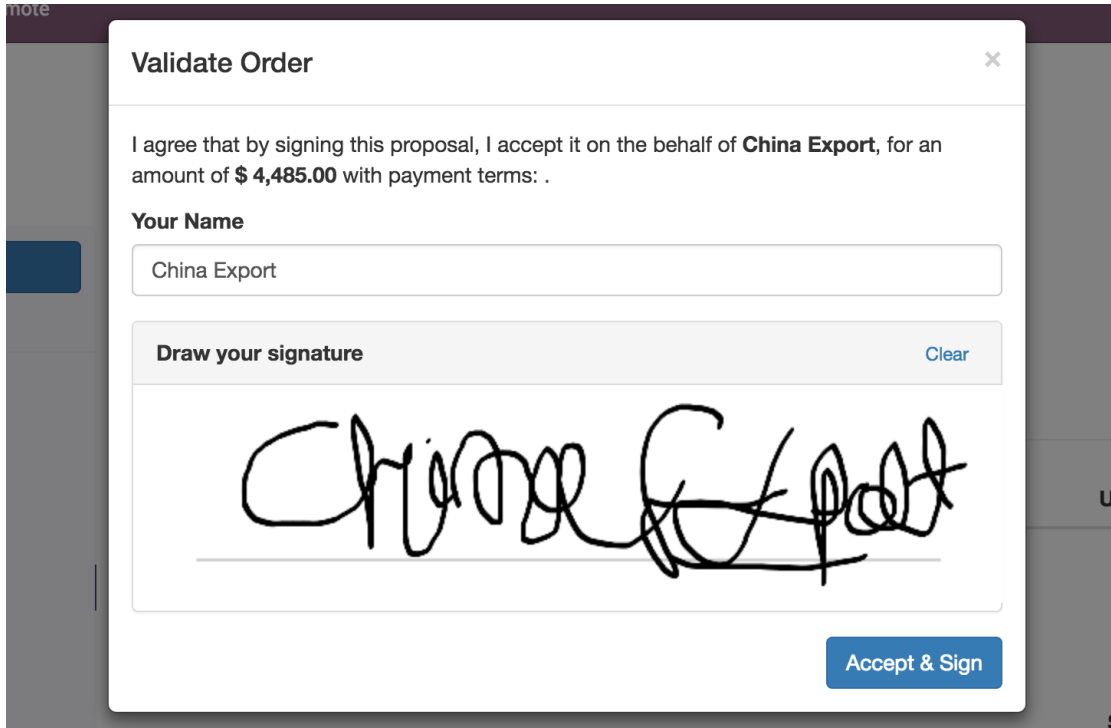
Customer Reference:    Fiscal Position:

Confirmation Mode: ☒ Online Signature ☐ Online Payment

**Tip:** You can change the **Confirmation Mode** for each quotation regardless of the configuration on quotation template.

## Accept quotation

Customer can review the quotation online, once it suits his/her need than he/she can accept the quotation by clicking on the **Accept Order** and signing the quotation online.



The screenshot shows a 'Validate Order' dialog box. At the top, it says 'I agree that by signing this proposal, I accept it on the behalf of **China Export**, for an amount of \$ **4,485.00** with payment terms: .'. Below this, there is a section titled 'Your Name' with a text input field containing 'China Export'. Underneath is a 'Draw your signature' section with a signature canvas showing a handwritten signature 'China Export' and a 'Clear' link. At the bottom right is a blue button labeled 'Accept & Sign'.

The quotation accepted and signed by the customer will be confirmed and converted to sales order in backend. It will automatically triggers the next business process in backend such as creating a delivery order, manufacturing order or create a task or project in the project management depending on your configuration.

**Tip:** Customer can accept and sign online quotation which are not expired yet. The expiration date will be computed on quotation based on the number of days defined on quotation template in **Quotation expires after** field. However the specific **Expiration Date** can be set on the quotation manually before you send the quotation by email.

## Reject quotation

The quotation will be set to **Cancelled** state in the backend once it has been rejected by the customer online, however it can be reset to draft modified and send it back to the customer when you are in negotiation process.



## Video

Access the video at <https://www.youtube.com/watch?v=kcAcDzQuX3A>

### 4.9.2 Online customer approval and payment on quotation

Sending an online quotation can speed up the negotiation process, customer can negotiate and approve the quotation online, this can boost up your sales process and minimise the sales cycle.

Getting online approval on quotation is good but getting paid online is great, it will be really cool to get online payment from the customer along with the approval of quotation.

#### Business case

The service company who is selling the *Support pack* which is service offered at fixed price. As soon as customer make the online payment, they can start getting the support by sending support request. The company wants to get the online payment instead of signature from the customer to start the support service.

#### Configuration

Assumed that you have installed **Sales Management** application, configure the quotation template for the support packs.

#### Online payment

The **Confirmation Mode** on the quotation template available on the **Configuration** tab is set to *Online Signature* by default, change it to *Online Payment*. The customer have to pay online to confirm the quotation by themselves.

#### Accept online payment

Installing the **Sales Management** application also installed the **Invoicing** application, the payment acquire needs to be activated from the list of payment acquires (payment gateways) available in CPAbooks. All the payment acquires can be found and activated from **Invoicing / Configuration / Payment Acquirers**. Install and configure the payment acquirer, which suits your requirement.

I have installed and configure the *Authorised.net* payment acquirer.

Authorize.Net

Test Environment Published

Credentials Messages Configuration

Payment Journal Authorize.Net (USD)

Capture Amount Manually ☐

Specific Countries ☐

Supported Payment Icons VISA x Diners Club International x Discover x JCB x Maestro x MasterCard x

Payment Flow ☐ Redirection to the acquirer website ☒ Payment from Odoo

**Tip:** Do not forget to **Publish** configured payment acquire to force customer to pay by that and unpublish other acquire such as **Wire Transfer**.

I have also made change to **Payment Flow** from *Redirect to the acquirer website* to *Payment from CPAbooks* as i want to process the payment directly from CPAbooks without redirecting to acquirer website. You can switch to **Production** as soon as everything configured and working properly.

### Create and send quotation by email

Create a quotation select customer, select quotation template. Before you send the quotation to customer make sure that **Confirmation Mode** is set to *Online Payment* on quotation under the **Other Information** tab.

SO004

Customer China Export Expiration Date 08/17/2018

Quotation Template Offshore Projects Payment Terms

Order Lines Suggested Products Other Information

Sales Information Invoicing

Salesperson Administrator Order Date 07/18/2018 20:16:22

Sales Channel Sales Fiscal Position

Customer Reference

Confirmation Mode ☐ Online Signature ☒ Online Payment

**Tip:** You can change the **Confirmation Mode** for each quotation regardless of the configuration on quotation template.

## Accept and pay online

Customer can review the quotation online, once it suite their need that can accept the quotation by clicking on the **Accept Order** and make the online payment on the quotation.

**Validate Order** ×

I agree that by paying this proposal, I accept it on the behalf of **China Export**, for an amount of **\$ 4,485.00** with payment terms: .

**Pay with**

Authorize.Net

VISA Discover Club DISCOVER and more

5424 0000 0000 0015

CHINA EXPORT 11 / 19 928

**Pay & Confirm**

The quotation accepted and paid by the customer online will convert quotation to sales order in backend.

**Warning:** Make sure that customer has correct contract details before they process for the online payment. Some payment acquirer required complete customer details.

**Tip:** Customer can accept and pay online quotation which are not expired yet. The expiration date will be computed on quotation based on the number of days defined on quotation template in **Quotation expires after** field. However the specific **Expiration Date** can be set on the quotation manually before you send the quotation by email.

The quotation converted to sales order and It will automatically triggers the next business process in backend such as creating a delivery order, manufacturing order or create a task or project in the project management depending on your configuration.

1 Transactions

## SO004

**Customer** [China Export](#)  
307, Wonchai, Business Plus  
Street 203  
Wonchai 302901  
Hong Kong

**Quotation Template** Offshore Projects

**Confirmation Date** 07/19/2018 00:19:17

**Payment Terms**

Order Lines

Suggested Products

Other Information

Product	Description	Ordered Qty	Delivered	Invoiced	Unit Price	Taxes	Subtotal
Offshore project setup fee	Offshore project setup fee	1.000	0.000	0.000	500.00	Tax 15.00%	\$ 500.00
Project manager days	Project manager days	5.000	0.000	0.000	200.00	Tax 15.00%	\$ 1,000.00
Developer days	Developer days	20.000	0.000	0.000	120.00	Tax 15.00%	\$ 2,400.00

Terms and conditions specific to the offshore projects.

Untaxed Amount: \$ 3,900.00

Taxes: \$ 585.00

**Total: \$ 4,485.00**

The Transaction is attached to the confirmed sales order, you can click on the transaction and get the status and reference about the online payment made by customer. It is set to **Done** and **Acquirer Reference** number is available on the transaction when payment was successfully processed.

DRAFT > PENDING > AUTHORIZED > **DONE** > REFUNDING > REFUNDED > ERROR > CANCELED

<p><b>Reference</b> SO004</p> <p><b>Amount</b> 4,485.00 USD</p> <p><b>Fees</b> 0.00</p> <p><b>Customer</b> <a href="#">China Export</a> 307, Wonchai, Business Plus Street 203 Wonchai 302901 Hong Kong</p>	<p><b>Acquirer</b> <a href="#">Authorize.Net</a></p> <p><b>Payment Token</b> XXXXXXXXXXXX0015 - CHINA EXPORT</p> <p><b>Acquirer Reference</b> 60106098004</p> <p><b>Creation Date</b> 07/19/2018 00:19:15</p> <p><b>Validation Date</b> 07/19/2018 00:19:17</p>
---	---

Message

## Reject quotation

The quotation will be set to **Cancelled** state in the backend once it has been rejected by the customer online, however it can be reset to draft modified and send it back to the customer when you are in negotiation process.

## Video

Access the video at <https://www.youtube.com/watch?v=qqS34AG1IeE>

## 4.10 Delivery Charges

### 4.10.1 Free delivery if order total is more than \$2000

CPAbooks can handle various delivery methods, but it is not activated by default. Delivery methods can be used for normal sale of you can also use for your e-commerce order.

Delivery methods allow you to manage the transport company, the price and the destination.

---

**Tip:** You can even integrate CPAbooks with external shippers to compute the real price and the packagings.

---

## Configuration

Activate the Shipping Costs feature from Sales / Configuration / Settings.

Shipping	
<input checked="" type="checkbox"/> <b>Shipping Costs</b> Compute shipping costs on orders <a href="#">→ Delivery Methods</a>	<input type="checkbox"/> <b>Delivery Date</b> Manage delivery dates from sales orders
<input type="checkbox"/> <b>Incoterms</b> Display incoterms on orders & invoices	<input type="checkbox"/> <b>Order-Specific Routes</b> Apply special routes from orders (e.g. dropshipping, MTO)
<input type="checkbox"/> <b>UPS</b> Compute shipping costs and ship with UPS	<input type="checkbox"/> <b>DHL USA</b> Compute shipping costs and ship with DHL
<input type="checkbox"/> <b>FedEx</b> Compute shipping costs and ship with FedEx	<input type="checkbox"/> <b>USPS</b> Compute shipping costs and ship with USPS
<input type="checkbox"/> <b>bpost</b> Compute shipping costs and ship with bpost	<input type="checkbox"/> <b>Easypost</b> Compute shipping costs and ship with Easypost

---

**Note:** Activating the Shipping Costs will install the Inventory application if it was not installed previously.

---

## Setup the delivery charges

Let's assume that you deliver the product at fixed \$50 and you deliver for free when total order value is more than \$2000.

Active

---

Name  
**Delivery charges** 1

---

Provider 2

☒ Fixed Price
 ☐ Based on Rules

Install more Providers

Margin on Rate 3

0 %
 

☒ Free if order amount is above 2,000.00

Pricing
 Destination Availability

Delivery Product [Delivery] Delivery charges

---

Fixed Price 50.00 4

Goto Sales / Configure / Delivery Methods rename the existing method *Free delivery charges* to *Delivery charges* add the \$50 in the **Fixed Price**.

**Tip:** If you have a multiple delivery methods having a fixed price, please create a separate Delivery Product for each method.

## Setup product price

Do not forget to add the correct product price when creating the products.

Product Moves \$ 1 Sales Active

---

Product Name  
**Laptop**

☒ Can be Sold  
☒ Can be Purchased

General Information

Sales

Purchase

Inventory

---

Product Type	Consumable	Sales Price	\$1,250.00
Product Category	All	Customer Taxes	(Tax 15.00% ✕)
Internal Reference		TaxCloud Category	
Barcode		Cost	\$950.00
HS Code			

## Adding delivery cost to the quotation

You can now choose the Delivery Method on your sale order. If you want to invoice the price of the delivery charge on the sale order, click on Set price, it will add a line with the name of the delivery method as a product.

S0002

Customer 1 Customer 2 Quote Validity 3  
 Payment Terms 4  
 Delivery Method 5 Delivery charges 6  
 \$ 0.00 7 8 9 10  
 Info: The shipping is free because the order amount exceeds 2000.00. (The actual shipping cost is: 50.00)

Order Lines		Other Information				
Product	Description	Ordered Qty	Unit Price	Taxes	Subtotal	
+ Laptop <span>2</span>	Laptop	1.000	1,250.00	Tax 15.00%	\$ 1,250.00	
+ Mobile	Mobile	1.000	850.00	Tax 15.00%	\$ 850.00	
+ [Delivery] Delivery charges	Delivery charges	1.000	0.00	Tax 15.00%	<span>5</span> \$ 0.00	
Add a line						
Terms and conditions... (note: you can setup default ones in the Configuration menu)						
					Untaxed Amount:	\$ 2,100.00
					Taxes:	\$ 315.00
					Total:	\$ 2,415.00

## Video

Access the video at <https://www.youtube.com/watch?v=CY16l9boDIU>

### 4.10.2 Calculate shipping rates based on product weight

CPAbooks can handle various delivery methods, but it is not activated by default. Delivery methods can be used for normal sale of you can also use for your e-commerce order.

Delivery methods allow you to manage the transport company, the price and the destination.

**Tip:** You can even integrate CPAbooks with external shippers to compute the real price and the packagings.

## Configuration

Activate the Shipping Costs feature from Sales / Configuration / Settings.

Shipping	
<input checked="" type="checkbox"/> <b>Shipping Costs</b> Compute shipping costs on orders <a href="#">→ Delivery Methods</a>	<input type="checkbox"/> <b>Delivery Date</b> Manage delivery dates from sales orders
<input type="checkbox"/> <b>Incoterms</b> Display incoterms on orders & invoices	<input type="checkbox"/> <b>Order-Specific Routes</b> Apply special routes from orders (e.g. dropshipping, MTO)
<input type="checkbox"/> <b>UPS</b> Compute shipping costs and ship with UPS	<input type="checkbox"/> <b>DHL USA</b> Compute shipping costs and ship with DHL
<input type="checkbox"/> <b>FedEx</b> Compute shipping costs and ship with FedEx	<input type="checkbox"/> <b>USPS</b> Compute shipping costs and ship with USPS
<input type="checkbox"/> <b>bpost</b> Compute shipping costs and ship with bpost	<input type="checkbox"/> <b>Easypost</b> Compute shipping costs and ship with Easypost

**Note:** Activating the Shipping Costs will install the Inventory application if it was not installed previously.

## Setup the delivery charges

Let's assume that you deliver the product to your customer through postal service and the service charges you based on weight. Postal service deliver to all over the USA at \$20 fixed rates if the weight up to 1kg, when weight is above 1kg, they charge \$8 for every 1kg.

Active

Name

Postal Delivery

Provider

☐ Fixed Price
 ☒ Based on Rules
 [Install more Providers](#)

Margin on Rate

0 %

☐ Free if order amount is above
 

Delivery Product

[Delivery] Delivery charges

Pricing

Destination Availability

Name

if weight <= 1.0 then fixed price 20.0

if weight > 1.0 then 8.0 times weight

Add a line

Goto Sales / Configure / Delivery Methods and create a new method *Postal Delivery*, select *Based on Rule* for **Provide** as the delivery cost is based on the weight and create a two rules.



Open: Pricing Rules

✕

Condition	Weight	▼<=	▼ 1.00
Delivery Cost	20.00	+ 0.00	* Weight ▼

SAVE &amp; CLOSE

SAVE &amp; NEW

DISCARD

## Setup product weight

Do not forget to add the correct product weight while creating the products.

		Product Moves	\$ 0 Sales	Active
--	--	---------------	------------	--------

Product Name

Laptop

☒ Can be Sold  
☒ Can be Purchased

General Information

Sales

Purchase

Inventory

Product Type

Consumable ▼

Product Category

All ▼

Internal Reference

Barcode

HS Code

Sales Price

\$1,250.00

Customer Taxes

Tax 15.00% x ▼

TaxCloud Category

Cost

\$950.00

Weight

1.50

kg

Volume

0.00

m³

Responsible

Administrator ▼

**Tip:** Compute and set the product weight including weight of delivery package.

## Adding delivery cost to the quotation

You can now choose the Delivery Method on your sale order. If you want to invoice the price of the delivery charge on the sale order, click on Set price, it will add a line with the name of the delivery method as a product.

S0003

Customer 1 Customer 2 Quote Validity 3  
 Payment Terms 4  
 Delivery Method 5 Postal Delivery 6 ✓  
 \$ 12.00 7 → Check price 8 → Set price 9

Order Lines 10 Other Information

Product	Description	Ordered Qty	Unit Price	Taxes	Subtotal
+ Laptop <span>11</span>	Laptop	1.000	1,250.00	Tax 15.00%	\$ 1,250.00
+ [Delivery] Delivery charges	Postal Delivery	1.000	12.00	Tax 15.00%	\$ 12.00
<a href="#">Add a line</a>					

Terms and conditions... (note: you can setup default ones in the Configuration menu)

Untaxed Amount:	\$ 1,262.00
Taxes:	\$ 189.30
<b>Total:</b>	<b>\$ 1,451.30</b>

### Video

Access the video at <https://www.youtube.com/watch?v=IPRRlIXx-j0>

## 4.10.3 Delivery price based on the area (zip code, state or country)

### Video

Access the video at <https://www.youtube.com/watch?v=29kYJHGiq7c>

## 4.10.4 Manage delivery price fluctuation, apply margin on the delivery charges

### Video

Access the video at <https://www.youtube.com/watch?v=fXxT8dKYafM>

## 4.11 Manage Inventory

### 4.11.1 Create a purchase order for products based on sales order

#### Video

Access the video at <https://www.youtube.com/watch?v=6LDDZD1uQh8>

### 4.11.2 Choose different delivery location for specific customer orders

#### Business Case

Some times in business you need to reserver stock for specific product when your preferred customer request, so that you can preserver that stock for preferred customer and should not be assigned to any other customer.

Later when preferred customer place an order you can deliver the products form that reserver stock only or you can actually choose from which stock you would like to make the delivery.

---

**Tip:** You can use the same configuration, when you would like to choose the specific stock (lots) irrespective of removal strategy.

---

#### Video

### 4.11.3 Consignment stock transfer, raise an invoice when stock sold by the retailer

#### Business Case

In retail and distribution business the distributor have to transfer the stock to retailers without invoice, periodically the stock is reviewed at retailer location and invoice will be raised for the stock sold or consumed.

Distributor wants to track the stock assigned to the retailer and manage the returns for the unsold items.

#### Video

Access the video at <https://www.youtube.com/watch?v=Kuc1odIFHKc>

### 4.11.4 Manage sell and buy-back of used product

#### Video

Access the video at <https://www.youtube.com/watch?v=LeMy9NEuc-s>

## 4.12 Service Product

### 4.12.1 Create an invoice at milestone completion for a project

There are different kind of service sales: prepaid volume of hours/days (e.g. support contract), billing based on time and material (e.g. billing consulting hours) or a fixed price contract (e.g. a project).

Milestone invoicing can be used for expensive or large scale projects, with each milestone representing a clear sequence of work that will incrementally build up to the completion of the contract. For example, a marketing agency hired for a new product launch could break down a project into the following milestones, each of them considered as one service with a fixed price on the sale order :

- Milestone 1 : Marketing strategy audit - 5 000 euros
- Milestone 2 : Brand Identity - 10 000 euros

- Milestone 3 : Campaign launch & PR - 8 500 euros

In this case, an invoice will be sent to the customer each time a milestone will be successfully reached. That invoicing method is comfortable both for the company which is ensured to get a steady cash flow throughout the project lifetime and for the client who can monitor the project's progress and pay in several times.

**Note:** You can also use milestones to invoice percentages of the entire project. For example, for a million euros project, your company might require a 15% upfront payment, 30% at the midpoint and the balance at the contract conclusion. In that case, each payment will be considered as one milestone.

## Configuration

In order to sell services and to send invoices, you need to install the Sales application, from the Apps icon.

In CPAbooks, each milestone of your project is considered as a product. From the Sales application, use the menu Sales → Products, create a new product with the following setup:

- Name: Strategy audit
- Product Type: Service
- Invoicing Policy: Delivered Quantities, since you will invoice your milestone after it has been delivered
- Track Service: Manually set quantities on order, as you complete each milestone, you will manually update their quantity from the Delivered tab on your sale order

The screenshot shows the configuration page for a product named 'Strategy Audit'. The interface includes a header with a product icon, name, price (\$ 0 Sales), and an 'Active' status. Below the header are tabs for 'General Information', 'Sales', 'Invoicing', and 'Notes'. The 'Invoicing' tab is selected. Under 'Invoicing', there are sections for 'Receivables' and 'Payables', both showing 'Tax 15.00%'. The 'Invoicing Policy' section is highlighted with a red box, showing two options: 'Ordered quantities' (unselected) and 'Delivered quantities' (selected).

**Note:** Apply the same configuration for the others milestones.

## Quotations and sale orders

Now that your milestones (or products) are created, you can create a quotation or a sale order with each line corresponding to one milestone. For each line, set the Ordered Quantity to 1 as each milestone is completed once. Once the quotation is confirmed and transformed into a sale order, you will be able to change the delivered quantities when the corresponding milestone has been achieved.

**SO022**

Customer

Agrolait

Expiration Date

07/06/2018

Quotation Template

Default Template

Payment Terms

30 Net Days

Order Lines	Suggested Products	Other Information
Product	Description	Ordered Qty Unit Price Taxes Subtotal
+	Strategy Audit	Strategy Audit 1.000 5,000.00 Tax 15.00% \$ 5,000.00
+	Rebranding	Rebranding 1.000 10,000.00 Tax 15.00% \$ 10,000.00
+	Campaign launch & PR	Campaign launch & PR 1.000 8,500.00 Tax 15.00% \$ 8,500.00

Add an item

Setup default terms and conditions in your sales settings

...

Untaxed Amount:

\$ 23,500.00

Taxes:

\$ 3,525.00

Total:

\$ 27,025.00

## Invoice milestones

Let's assume that your first milestone (the strategy audit) has been successfully delivered and you want to invoice it to your customer. On the sale order, click on Edit and set the Delivered Quantity of the related product to 1.

**Tip:** As soon as the above modification has been saved, you will notice that the color of the line has changed to blue, meaning that the service can now be invoiced. In the same time, the invoice status of the SO has changed from Nothing To Invoice to To Invoice

Click on Create invoice and, in the new window that pops up, select Invoiceable lines and validate. It will create a new invoice (in draft status) with only the strategy audit product as invoiceable.

Sales Orders / SO022 / Invoice

Save Discard

1 / 1 < >

Validate Draft Open Paid

**Draft Invoice**

Customer: Agrolait Invoice Date: 06/06/2018

Payment Terms: 30 Net Days Due Date: 07/06/2018

Salesperson: Administrator

Sales Channel: Europe

Invoice Lines Other Info

Product	Description	Quantity	Unit Price	Taxes	Subtotal
Strategy Audit	Strategy Audit	1.000	5,000.00	Tax 15.00%	\$ 5,000.00

Add an item

Untaxed Amount: \$ 5,000.00

Tax: \$ 750.00

Total: \$ 5,750.00

**Note:** In order to be able to invoice a product, you need to set up the Accounting application and to configure an accounting journal and a chart of account. Click on the following link to learn more: [How to setup CPAbooks Accounting?](#)

Back on your sale order, you will notice that the Invoiced column of your order line has been updated accordingly and that the Invoice Status is back to Nothing to Invoice.

Follow the same workflow to invoice your remaining milestones.

## Video

Access the video at <https://www.youtube.com/watch?v=BnlNjKE6c1s>

#### **4.12.2 Create task from sales order and invoice based on timesheet**

##### **Video**

Access the video at <https://www.youtube.com/watch?v=mr307v2jVrA>

### **4.13 Subscription**

#### **4.13.1 Set up recurring invoice, that help you to invoice regularly**

##### **Video**

Access the video at [https://www.youtube.com/watch?v=nJ31V\\_Ia68A](https://www.youtube.com/watch?v=nJ31V_Ia68A)

#### **4.13.2 Sell subscriptions through sales quotation**

##### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

#### **4.13.3 Sell subscription through eCommerce platform, receive payment through card (auto-debit)**

##### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

#### **4.13.4 Increase quantity (prorate base) in subscription during middle of the month - upsell**

##### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>





## ACCOUNTING AND FINANCE

### 5.1 CPAbooks Accounting

Access the video at <https://www.youtube.com/watch?v=pGMCTYovwIk>

#### 5.1.1 Transcript

CPAbooks is beautiful accounting software designed for the needs of the 21st century.

CPAbooks connects directly to your bank or paypal account. Transactions are synchronized every hour and reconciliation is blazing fast. It's like magic.

Instantly create invoices and send them with just a click. No need to print them.

CPAbooks can send them for you by email or regular mail.

Your customers pay online, meaning you get your money right away.

CPAbooks accounting is connected with all CPAbooks our apps such as sale, purchase, inventory and subscriptions.

This way, recording vendor bills is also super quick. Set a vendor, select the purchase order and CPAbooks fills in everything for you automatically.

Then, just use the SEPA protocol or print checks to pay vendors in batches.

It's that easy with CPAbooks.

Wait, there is more. You will love the CPAbooks reports. From legal statements to executive summaries, they are fast and dynamic. Use CPAbooks's business intelligence feature to navigate through all your companies data.

Of course, CPAbooks is mobile too. You can use it to check your accounts on the go.

Try CPAbooks now, and join 2 millions of happy users.

### 5.2 The Accounting behind CPAbooks

This page summarises the way CPAbooks deals with typical accounts and transactions.

### 5.2.1 Double-entry bookkeeping

CPAbooks automatically creates all the behind-the-scenes journal entries for each of your accounting transactions: customer invoices, point of sale order, expenses, inventory moves, etc.

CPAbooks uses the rules of double-entry bookkeeping system: all journal entries are automatically balanced (sum of debits = sum of credits).

### 5.2.2 Accrual and Cash Basis Methods

CPAbooks support both accrual and cash basis reporting. This allows you to report income / expense at the time transactions occur (i.e., accrual basis), or when payment is made or received (i.e., cash basis).

### 5.2.3 Multi-companies

CPAbooks allows to manage several companies within the same database. Each company has its own chart of accounts and rules. You can get consolidation reports following your consolidation rules.

Users can access several companies but always work in one company at a time.

### 5.2.4 Multi-currencies

Every transaction is recorded in the default currency of the company. For transactions occurring in another currency, CPAbooks stores both the value in the currency of the company and the value in the currency of the transaction. CPAbooks can generate currencies gains and losses after the reconciliation of the journal items.

Currency rates are updated once a day using a yahoo.com online web-service.

### 5.2.5 International Standards

CPAbooks accounting support more than 50 countries. The CPAbooks core accounting implement accounting standards that is common to all countries and specific modules exists per country for the specificities of the country like the chart of accounts, taxes, or bank interfaces.

In particular, CPAbooks's core accounting engine supports:

- Anglo-Saxon Accounting (U.S., U.K., and other English-speaking countries including Ireland, Canada, Australia, and New Zealand) where cost of good sold are reported when products are sold/delivered.
- European accounting where expenses are accounted at the supplier bill.
- Storno accounting (Italy) where refund invoices have negative credit/debit instead of a reverting the original journal items.
- CPAbooks also have modules to comply with IFRS rules.

### 5.2.6 Accounts Receivable & Payable

By default, CPAbooks uses a single account for all account receivable entries and one for all accounts payable entries. You can create separate accounts per customers/suppliers, but you don't need to.

As transactions are associated to customers or suppliers, you get reports to perform analysis per customer/supplier such as the customer statement, revenues per customers, aged receivable/payables, ...

### 5.2.7 Wide range of financial reports

In CPAbooks, you can generate financial reports in real time. CPAbooks reports range from basic accounting reports to advanced management reports. CPAbooks's reports include:

- Performance reports (such as Profit and Loss, Budget Variance)
- Position reports (such as Balance Sheet, Aged Payables, Aged Receivables)
- Cash reports (such as Bank Summary)
- Detail reports (such as Trial Balance and General Ledger)
- Management reports (such as Budgets, Executive Summary)
- CPAbooks's report engine allows you to customize your own report based on your own formulae.

### 5.2.8 Import bank feeds automatically

Bank reconciliation is a process that matches your bank statement lines, as supplied by the bank, to your accounting transactions in the general ledger. CPAbooks makes bank reconciliation easy by frequently importing bank statement lines from your bank directly into your CPAbooks account. This means you can have a daily view of your cashflow without having to log into your online banking or wait for your paper bank statements.

CPAbooks speeds up bank reconciliation by matching most of your imported bank statement lines to your accounting transactions. CPAbooks also remembers how you've treated other bank statement lines and provides suggested general ledger transactions.

### 5.2.9 Calculates the tax you owe your tax authority

CPAbooks totals all your accounting transactions for your tax period and uses these totals to calculate your tax obligation. You can then check your sales tax by running CPAbooks's Tax Report.

### 5.2.10 Inventory Valuation

CPAbooks support both periodic (manual) and perpetual (automated) inventory valuations. The available methods are standard price, average price, LIFO (for countries allowing it) and FIFO.

### 5.2.11 Easy retained earnings

Retained earnings is the portion of income retained by your business. CPAbooks automatically calculates your current year earnings in real time so no year-end journal or rollover is required. This is calculated by reporting the profit and loss balance to your balance sheet report automatically.

## 5.3 Customer Invoice

### 5.3.1 Create first customer invoice and register payment

Users can also create invoices manually without using contracts or a sales order. It's a recommended approach if you do not need to manage the sales process (quotations), or the delivery of the products or services.

#### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 5.3.2 Set due date on the invoice

#### Video

Access the video at <https://www.youtube.com/watch?v=9vcGJ3TnP8k>

### 5.3.3 Match payment against an invoice

#### Video

Access the video at <https://youtu.be/QWr1mhxUtnE>

### 5.3.4 Setup cash discounts when customer pay before the due date

#### Video

Access the video at <https://www.youtube.com/watch?v=mnndzGipf9E>

### 5.3.5 Reset invoice number for every new financial year or change every month

#### Video

Access the video at <https://www.youtube.com/watch?v=0ulXkoxAZjM>

## 5.4 Payment Terms

### 5.4.1 Setup and use payment terms - 50% advance, balance in 30 days

#### Video

Access the video at [https://www.youtube.com/watch?v=x\\_wItFZ8SVY](https://www.youtube.com/watch?v=x_wItFZ8SVY)

### 5.4.2 Define an installment plan on customer invoices (Use Payment terms)

#### Video

Access the video at <https://www.youtube.com/watch?v=02l5aPcBwcl>

### 5.4.3 Warning message on credit limit reached and block further invoice when it cross limits

#### Video

Access the video at <https://www.youtube.com/watch?v=BjLWKAGtSiA>

## 5.5 Payment and Followups

### 5.5.1 Different ways to record a payment

#### Video

Access the video at <https://www.youtube.com/watch?v=eAMTr3JuuOU>

### 5.5.2 Track uncleared customer check in bank statement

#### Video

Access the video at <https://www.youtube.com/watch?v=mVuEjgF3lwk>

### 5.5.3 Create invoice, receive and register partial payment on invoice

#### Video

Access the video at <https://www.youtube.com/watch?v=B6vHZrc57fo>

### **5.5.4 Automate customer follow-ups with plans**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=Zz4l4IACw6U>

### **5.5.5 Receive advance payment from customer and match against invoice later**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=QUdBmJwP3bQ>

### **5.5.6 Print customer ledger**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=4XZ9vJ32SBU>

### **5.5.7 Reconcile customer invoice vs vendor bill**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=-odVJhcCuWI>

## **5.6 Setup Accounting**

### **5.6.1 Setup Company Information, Bank Accounts and Fiscal Period**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### **5.6.2 Setup CPAbooks Accounting and Import opening balance**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

## 5.7 Taxes and Duties

### 5.7.1 Create a new taxes

CPAbooks's tax engine is very flexible and support many different type of taxes: value added taxes (VAT), eco-taxes, federal/states/city taxes, retention, withholding taxes, etc. For most countries, your system is pre-configured with the right taxes.

#### Business case

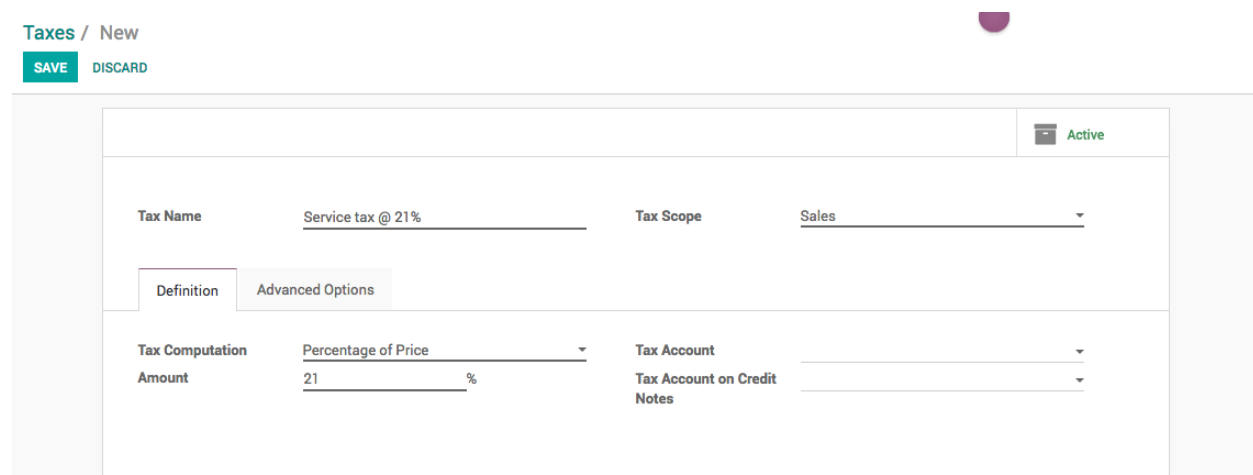
Let's create a service tax that computes the tax @ 21% of the service price.

#### Configuration

Assumed that the you have already installed either **Invoicing** or **Financial Accounting** application.

#### Create a tax

The new tax can be created from **Invoicing / Configuration / Taxes** or **Accounting / Configuration / Taxes**, create a new tax and enter Tax Name, Tax Scope, Tax Computation.



Taxes / New

SAVE DISCARD

Active

Tax Name	Service tax @ 21%	Tax Scope	Sales
Definition		Advanced Options	
Tax Computation	Percentage of Price	Tax Account	
Amount	21 %	Tax Account on Credit	
		Notes	

**Tax Name** is a label to the tax that will be displayed on the sales or purchase order form during sales or purchase process, on the printed invoice **Label on Invoices** will be printed, can be set under the **Advance Options** tab.

**Tax Scope** is used to define the tax application, it can be *Sales* or *Purchase* or *None*. You can set None when tax is deprecated or tax is used in a group but not applicable directly.

**Note:** If you want to avoid using a tax, you can not delete it because the tax is probably used in several invoices. So, in order to avoid users to continue using this tax, you should set the field Tax Scope to None.

**Tax Computation** is a type that can be selected according to the tax computation required

- Fixed: eco-taxes, etc.
- Percentage of Price: most common (e.g. 15% sales tax)

- Percentage of Price Tax Included: used in Brazil.
- Group of taxes: allows to have a compound tax

**Tip:** If you need more advanced tax mechanism, you can install the module ``account_tax_python`` and you will be able to define new taxes with Python code.

## Advanced configuration

Taxes / New

SAVE DISCARD

Active

Tax NameService tax @ 21%

Tax ScopeSales

DefinitionAdvanced Options

Label on Invoices21%

Tax GroupTaxes

Tags

Included in Price

Affect Base of Subsequent Taxes

Tax Adjustment

**Label on Invoices** is a short text on how you want this tax to be printed on invoice line. For example, a tax named “*Service tax @ 21%*” can have the following label on invoice “*21%*”.

**Tax Group** defines where this tax is summed in the invoice footer. All the tax belonging to the same tax group will be grouped on the invoice footer. Examples of tax group: VAT, Retention.

**Included in Price** can be selected when the tax is to be defined as included in price. i.e. *Product Price is 100 and Service tax @ 21% is defined as included in price then product cost will be set as 82.64 and tax amount will be 17.35.*

**Tags:** are used for custom reports. Usually, you can keep this field empty.

### 5.7.2 Apply default taxes on products or sales order

Taxes applied in your country are installed automatically for most localizations. Default taxes set in orders and invoices come from each product's Invoicing tab. Such taxes are used when you sell to companies that are in the same country/state than you.



## Business case

Let's set the default sales and purchase tax to Tax 15.00%.

## Configuration

All the new products created in the CPAbooks take the default tax set in the **Accounting/Invoicing Settings**. To change the default taxes set for any new product created, goto **Invoicing / Configuration / Settings**.

Taxes									
<b>Default Taxes</b> Default taxes applied to local transactions <table border="1"> <tr> <td>Sales Tax</td> <td>Tax 15.00%</td> <td>▼</td> <td>🔗</td> </tr> <tr> <td>Purchase Tax</td> <td>Tax 15.00%</td> <td>▼</td> <td>🔗</td> </tr> </table>	Sales Tax	Tax 15.00%	▼	🔗	Purchase Tax	Tax 15.00%	▼	🔗	<b>Rounding Method</b> How total tax amount is computed in orders and invoices <p> <input checked="" type="radio"/> Round per Line  <input type="radio"/> Round Globally           </p>
Sales Tax	Tax 15.00%	▼	🔗						
Purchase Tax	Tax 15.00%	▼	🔗						
<input type="checkbox"/> <b>TaxCloud</b> Compute tax rates based on U.S. ZIP codes	<input type="checkbox"/> <b>EU Digital Goods VAT</b> Apply right VAT rates for digital products sold in EU								

## Create new product


Let's create a new product, the default tax which was applied should be applied on this product.

		\$ 0 Sales	Active
<div> <div>Product Name</div> <div>Material</div> <div> <input checked="" type="checkbox"/> Can be Sold  <input checked="" type="checkbox"/> Can be Purchased           </div> <div> <div>General Information</div> <div>Sales</div> <div>Invoicing</div> <div>Notes</div> </div> </div>			
<b>Receivables</b> Customer Taxes <div>Tax 15.00% x</div>		<b>Payables</b> Vendor Taxes <div></div>	


## Create sales order

Let's create a new order and select the same product on the order line, the tax which was set on the products should be applied on the sales order line tax field.

## New

Customer Customer  Expiration Date   
 Payment Terms

Order Lines    Other Information

Product	Description	Ordered Qty	Unit Price	Taxes	Subtotal
Material	Material	1.000	100.00	Tax 15.00% x	\$ 100.00 

[Add an item](#)

Setup default terms and conditions in your sales settings ...

Untaxed Amount:	\$ 100.00
Taxes:	\$ 15.00
<b>Total:</b>	<b>\$ 115.00</b>

Now, your salesman do not have to remember that what taxes to be applied on which product.

### 5.7.3 Manage withholding taxes, ledger and payment to government

A withholding tax, also called a retention tax, it is a government requirement for the payer of a customer invoice to withhold or deduct tax from the payment, and pay that tax to the government. In most jurisdictions, withholding tax applies to employment income.

With normal taxes, the tax is added to the subtotal to give you the total to pay. As opposed to normal taxes, withholding taxes are deducted from the amount to pay, as the tax will be paid by the customer.

As, an example, in Colombia you may have the following vendor bills:

#### Vendor Bill BILL/2018/0001

Invoice Date:  
08/14/2018

Description	Quantity	Unit Price	Taxes	Amount
Consulting Service	10.000	100.00	15.00%, 10%	\$ 1,000.00

<b>Subtotal</b>	\$ 1,000.00
Tax 15%	\$ 150.00
Retention Tax	\$ -100.00
<b>Total</b>	<b>\$ 1,050.00</b>
<i>Paid on 2018-08-14</i>	\$ 1,050.00
<b>Amount Due</b>	<b>\$ 0.00</b>

In this example, the company who sent the invoice was of 1000\$ + 15% Tax the customer has to deduct the 10% tax and pay to the government.

## Video

Access the video at [https://www.youtube.com/watch?v=TGsL\\_PoJH3E](https://www.youtube.com/watch?v=TGsL_PoJH3E)

### 5.7.4 Define product prices for Business to Customer (tax included)

In most countries, business to customers prices are tax-included. Check **Included in Price** for each of your sales taxes in **Accounting / Configuration / Taxes**.

This way the price set on the product form includes the tax. As an example, let's say you have a product with a sales tax of 10%. The sales price on the product form is \$100.

If the tax is **not included** in the price, you will get:

Price without tax	\$100
Taxes	\$15
Total to pay	\$115

If the tax is **included** in the price:

Price without tax	\$86.96
Taxes	\$13.04
Total to pay	\$100

### 5.7.5 Manage product prices for B2B (tax excluded) and B2C (tax included)

When working with consumers, prices are usually expressed with taxes included in the price (e.g., in most eCommerce). But, when you work in a business environment, companies usually negotiate prices without taxes.

You can manage both use cases easily, as long as you register your prices on the product with taxes excluded or included, but not both together. If you manage all your prices with tax included (or excluded) only, you can still easily do sales order with a price having taxes excluded (or included): that's easy.

Let's see how you can manage the product pricing for both customer at once. When you have a retailer customer on eCommerce store you can show the price and send the quotation with tax included in price and for same product you can prepare and send the quotation excluded price for back office sales to the business customer.

## Configuration

The best way to simplify the price by setting the product price as tax excluded by default, so all the price defined on the product are always tax excluded. The other way will be computed automatically.

## Product Price

Make sure that when you define the product price it will always tax excluded, and apply the default tax on the product form.

Active

**Product Name**

# Laptop

☒ Can be Sold  
☒ Can be Purchased

General Information

Sales

Invoicing

Notes

Product Type	Consumable	Sale Price	\$1,250.00
Internal Reference	E-4325	Cost	\$800.00
Barcode			
Category	All		

## Create taxes

Create a different taxes with the same percentage 15%, one define as **Included in Price** and for other one which is tax excluded rename the existing 'Tax 15.00%' to 'Tax 15.00% Exe.'

Taxes

Sale or Purchase
Tax Application

CREATE
IMPORT

Filters
Group By
Favorites

Menu
Grid

	Tax Name	Tax Scope	Label on Invoices	Active
▸ Purchases (1)				
▾ Sales (2)				
<input type="checkbox"/>	✚ Tax 15.00% Exe.	Sales	15.00%	<span style="background-color: #28a745; color: white; padding: 2px 5px;">ON</span>
<input type="checkbox"/>	✚ Tax 15.00% Inc.	Sales	15.00%	<span style="background-color: #28a745; color: white; padding: 2px 5px;">ON</span>

## Price List

Create a pricelist that have the product price always tax included. So, If you define the product *Laptop* price \$1250 and default tax is 15% define the product price on price list as \$1437.5.

\$ 0 Sales
Active

**Product Name**

**Laptop**

☒ Can be Sold  
☒ Can be Purchased

General Information
Sales
Invoicing
Notes

**Pricing**

Pricelist	Price	Min. Quantity	Start Date	End Date
Retail Pricelist (Tax Inc.) (USD)	1,437.00	1		
Standard Pricelist (Tax. exe.) (USD)	1,250.00	1		

[Add an item](#)

## Create a Fiscal Position

Create a fiscal position that use to swap taxes. When you are selling to wholesale(b2b) customer, the default tax we have applied on the product is always tax excluded but when you sell to retail customer you have to apply the price which is tax included and tax which actually computed the tax included.

**Fiscal Position** Retail Customer Detect Automatically ☐

**Active** ☒

Tax Mapping
Account Mapping

Tax on Product	Tax to Apply
Tax 15.00% Exe.	Tax 15.00% Inc.

[Add an item](#)

Legal Notes...

---

## Create a retail customer (b2c)

There are two important fields has to be set correctly when you create a retail customer, **Sales Pricelist** has to be set to *Retail Pricelist (Tax. Inc.) (USD)* under the **Sales & Purchase** tab.

Contacts & Addresses	Internal Notes	Sales & Purchases	Accounting
<div> <div> <b>Sale</b> </div> <div> <b>Purchase</b> </div> </div>			
<div> <div> Is a Customer <input checked="" type="checkbox"/> </div> <div> Is a Vendor <input type="checkbox"/> </div> </div>			
<div> <div> Salesperson </div> <div> Sales Pricelist </div> </div>			
<div> <div> Retail Pricelist (Tax Inc.) (USD) </div> <div> 0 Bank account(s) </div> </div>			
<div> <div> Misc </div> <div> Payments </div> </div>			
<div> <div> Internal Reference </div> <div> 0 Credit card(s) </div> </div>			

The **Fiscal Position** should be set to *Retail Customer* under the **Accounting** and tab.

Contacts & Addresses	Internal Notes	Sales & Purchases	Accounting
<div> <div> <b>Sale</b> </div> <div> <b>Purchase</b> </div> </div>			
<div> <div> Customer Payment Terms </div> <div> Vendor Payment Terms </div> </div>			
<div> <div> Fiscal Information </div> <div> Accounting Entries </div> </div>			
<div> <div> Fiscal Position </div> <div> Account Receivable </div> </div>			
<div> <div> Retail Customer </div> <div> 101200 Account Receivable </div> </div>			
<div> <div> </div> <div> Account Payable </div> </div>			
<div> <div> </div> <div> 111100 Account Payable </div> </div>			

## Create a normal customer (b2b)

By default all the customer are created are considered as business customers with the default pricelist and tax is applied which is always the tax excluded.

## Create a test quotation

Create a quotation from the Sale application, using the Sales / Quotations menu. Select the *Ajay Patel* as a customer, sell *Laptop* product, you should have the following result:  $1250\text{€} + 187.50\text{€} = 1437.50\text{€}$ .

**S0001**

Customer: Ajay Patel Expiration Date: \_\_\_\_\_  
Pricelist: Retail Pricelist (Tax Inc.) (USD)  
Payment Terms: \_\_\_\_\_

Order Lines | Other Information

Product	Description	Ordered Qty	Unit Price	Taxes	Subtotal
+ [E-4325] Laptop	[E-4325] Laptop	1.000	1,437.50	Tax 15.00% Inc.	\$ 1,250.00

[Add an item](#)

Setup default terms and conditions in your sales settings ...

Untaxed Amount:	\$ 1,250.00
Taxes:	\$ 187.50
<b>Total:</b>	<b>\$ 1,437.50</b>

When you create a quotation for the normal customer which has tax excluded will be looking as below.

**S0002**

Customer: China Exports Expiration Date: \_\_\_\_\_  
Pricelist: Standard Pricelist (Tax. exe.) (USD)  
Payment Terms: \_\_\_\_\_

Order Lines | Other Information

Product	Description	Ordered Qty	Unit Price	Taxes	Subtotal
+ [E-4325] Laptop	[E-4325] Laptop	1.000	1,250.00	Tax 15.00% Exe.	\$ 1,250.00

[Add an item](#)

Setup default terms and conditions in your sales settings ...

Untaxed Amount:	\$ 1,250.00
Taxes:	\$ 187.50
<b>Total:</b>	<b>\$ 1,437.50</b>

**Tip:** If you negotiate a contract with a customer, whether you negotiate tax included or tax excluded, you can set the pricelist and the fiscal position on the customer form so that it will be applied automatically at every sale of this customer.

## 5.7.6 Apply tax based on local or export sales

### Video

Access the video at <https://www.youtube.com/watch?v=X5YIeUL3acU>

## 5.8 Credit Notes

### 5.8.1 Reject customer invoice, which is not issued to customer

#### Video

Access the video at <https://www.youtube.com/watch?v=QwM6ZN9GFqo>

### 5.8.2 Modify the confirmed customer invoice

#### Video

Access the video at <https://www.youtube.com/watch?v=uf7U55qqjDw>

### 5.8.3 Refund a fully paid customer invoice

#### Video

Access the video at <https://www.youtube.com/watch?v=ojBtItLgHIw>

### 5.8.4 Refund the partially paid invoice

#### Video

Access the video at <https://www.youtube.com/watch?v=1BiRU76VEXo>

### 5.8.5 Setup the dedicated credit note or debit note sequence number

#### Business Case

Let's setup the different sequence for your debit note or credit note and do not use the invoice and vendor bill sequence for credit or debit notes.



**Video**

Access the video at <https://www.youtube.com/watch?v=xdYmq42GcyI>

## **5.9 Bank and Cash**

### **5.9.1 Bank Reconciliation in CPAbooks**

**Video**

Access the video at <https://www.youtube.com/watch?v=-kX9zl4bsLI>

### **5.9.2 Manage the bank reconciliation process**

**Video**

Access the video at <https://www.youtube.com/watch?v=zWrPyboDUMQ>

### **5.9.3 Split payment into multiple, allocate to multiple invoices during reconciliation**

**Video**

Access the video at <https://www.youtube.com/watch?v=yOT8LwCjW5c>

### **5.9.4 Import bank statement (ofx format) and quick bank reconciliation**

**Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### **5.9.5 Show a check in customers statement, when it gets clear in bank but not when deposited**

**Business Case**

Assume that customer pay us by check you don't want to update the customer statement until that check gets cleared in the bank. Let's update the customer statement when check gets clear in bank.

## Video

Access the video at [https://www.youtube.com/watch?v=K\\_gs3XOy\\_NE](https://www.youtube.com/watch?v=K_gs3XOy_NE)

### **5.9.6 Add check bounce charges to customers outstanding, when our bank charge penalty to us**

#### **Business Case**

Assume that customer pay us by check and that does not clear in bank, instead it goes bounced and our bank charge us penalty. Let's add that check bounce charges to customers statement along with the outstanding amount.

## Video

Access the video at [https://www.youtube.com/watch?v=cXnl8J6\\_kxw](https://www.youtube.com/watch?v=cXnl8J6_kxw)

### **5.9.7 Transferring money from bank account to petty cash (Cash withdrawal)**

## Video

Access the video at <https://www.youtube.com/watch?v=NMF8yDSf71Y>

### **5.9.8 Manage batch deposits of checks**

## Video

Access the video at <https://www.youtube.com/watch?v=35A-6vrJHOU>

### **5.9.9 Pay multiple employees salary through bank transit account (Bulk Salary Posting and Payment)**

## Video

Access the video at <https://www.youtube.com/watch?v=dd8FmtYC5Zw>

## **5.10 Multi Currency**

### **5.10.1 Prepare invoice in foreign currency**

## Video

Access the video at <https://www.youtube.com/watch?v=Ya0KMOV36Adg>

## **5.10.2 Invoice and payment in foreign currency**

### **Video**

Access the video at <https://www.youtube.com/watch?v=4UH5h-kVsxM>

## **5.10.3 Foreign exchange gain or loss entry when invoice and payment in foreign currency**

### **Video**

Access the video at <https://www.youtube.com/watch?v=53KWdhMISgU>

## **5.11 Vendor Bills and Payments**

### **5.11.1 Purchase order to vendor bill, payment through check**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=Kz7tHQ-9bAQ>

### **5.11.2 Register cash sales and expense in account**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=dxPVIbCvz3o>

### **5.11.3 Pay vendor bills by check and print check from CPAbooks accounting**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=FT-qi4scdvo>

### **5.11.4 Pay several vendor bills at once**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=ZJoy9UKOWy4>

### **5.11.5 Register partial payment while paying to multiple vendor bills**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=GuQ7FhstpTY>

### **5.11.6 Forecast future vendor bills to pay**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=bfs5vTOZiLg>

### **5.11.7 Create single vendor bill from multiple purchase orders**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### **5.11.8 Manage advance payment, employee expenses and reconciliation**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=aLYM2aeaKfk>

## **5.12 Analytic Accounting (Cost center)**

### **5.12.1 Compute the profitability for trading company**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=6fP3Cwqu7RA>

### **5.12.2 Compute the profitability for service projects**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=6fP3Cwqu7RA>

### 5.12.3 Profitability based on the service and material (Website development company)

#### Video

Access the video at <https://www.youtube.com/watch?v=MoeJxs1MCh8>

### 5.12.4 Compute the profitability for trading company, bulk purchase and retail sales

#### Video

Access the video at [https://www.youtube.com/watch?v=Al4jnluU\\_4E](https://www.youtube.com/watch?v=Al4jnluU_4E)

## 5.13 Manual Inventory Valuation (Anglo-Saxons)

### 5.13.1 Compute the inventory valuation and cost of goods sold using standard costing

The manual inventory valuation method suggest that the valuation of an inventory has to be manage manually in financial accounting. The periodic journal entry has to be passed on regular internal so keep updated the valuation in balance sheet and cost of goods sold in profit and loss account.

On every regular internal an accounting entry has to be passed as below:

Description	Debit	Credit
Inventory Valuation		800
Cost of Goods Sold	800	

To compute the cost of goods sold use the below formula

$\text{COGS} = \text{Inventory Valuation as per Balance sheet} - \text{Inventory Valuation as per Inventory}$

#### Product Cost price

As your inventory costing method is standards, you are allowed to change the cost price of the product, assumed that you increase the cost price.

**Tip:** Make sure you change the cost price on the product once your valuation is equal for inventory and balance sheet, else you may have a wrong cost of goods sold entry.

When you see a COGS is having a negative value it means that your value of the inventory increased in warehouse this should be reflect in the balance sheet too.

To increase the value in balance sheet you have to pass below journal entry

Description	Debit	Credit
Inventory Valuation	800	
Inventory Valuation Difference		800

Or, when you see a COGS is having a positive value it means that your value of the inventory decreased in warehouse and this should be reflect in the balance sheet too.

To decrease the value in balance sheet you have to pass below journal entry

Description	Debit	Credit
Inventory Valuation		800
Inventory Valuation Difference	800	

## Video

Access the video at <https://www.youtube.com/watch?v=03jBnbSr4pQ>

### See also:

- *Compute the inventory valuation and cost of goods sold using fifo costing method*
- *Compute the inventory valuation and cost of goods sold using average costing method*

## 5.13.2 Compute the inventory valuation and cost of goods sold using fifo costing method

The manual inventory valuation method suggest that the valuation of an inventory has to be manage manually in financial accounting. The periodic journal entry has to be passed on regular internal so keep updated the valuation in balance sheet and cost of goods sold in profit and loss account.

On every regular internal an accounting entry has to be passed as below:

Description	Debit	Credit
Inventory Valuation		800
Cost of Goods Sold	800	

To compute the cost of goods sold use the below formula

COGS = Inventory Valuation as per Balance sheet - Inventory Valuation as per Inventory

## Product Cost price

The cost price on the product page always display the cost of last unit sold or consumed or scrapped from the stock. If you change that manually it will not make any changes in the system.

---

**Tip:** Hide the product cost field, if all of your products have FIFO as the inventory costing method, even-users will never get confused.

---

## Video

Access the video at <https://www.youtube.com/watch?v=rlgS1eEJV2E>

### See also:

- *Compute the inventory valuation and cost of goods sold using standard costing*
- *Compute the inventory valuation and cost of goods sold using average costing method*

### 5.13.3 Compute the inventory valuation and cost of goods sold using average costing method

The manual inventory valuation method suggest that the valuation of an inventory has to be manage manually in financial accounting. The periodic journal entry has to be passed on regular internal so keep updated the valuation in balance sheet and cost of goods sold in profit and loss account.

On every regular internal an accounting entry has to be passed as below:

Description	Debit	Credit
Inventory Valuation		800
Cost of Goods Sold	800	

To compute the cost of goods sold use the below formula

$$\text{COGS} = \text{Inventory Valuation as per Balance sheet} - \text{Inventory Valuation as per Inventory}$$

### Product Cost price

As your inventory costing method is average, you are allowed to change the cost price of the product, assumed that you increase the cost price.

**Tip:** Make sure you change the cost price on the product once your valuation is equal for inventory and balance sheet, else you may have a wrong cost of goods sold entry.

When you see a COGS is having a negative value it means that your value of the inventory increased in warehouse this should be reflect in the balance sheet too.

To increase the value in balance sheet you have to pass below journal entry

Description	Debit	Credit
Inventory Valuation	800	
Inventory Valuation Difference		800

Or, when you see a COGS is having a positive value it means that your value of the inventory decreased in warehouse and this should be reflect in the balance sheet too.

To decrease the value in balance sheet you have to pass below journal entry

Description	Debit	Credit
Inventory Valuation		800
Inventory Valuation Difference	800	

## Video

Access the video at <https://www.youtube.com/watch?v=dQWx49oFBwk>

### See also:

- *Compute the inventory valuation and cost of goods sold using standard costing*
- *Compute the inventory valuation and cost of goods sold using fifo costing method*

## 5.14 Automatic Inventory Valuation (Anglo-Saxons)

### 5.14.1 Automatic cost of cost goods sold when using standard costing method

#### Video

Access the video at <https://www.youtube.com/watch?v=-X-JBtwa3XY>

### 5.14.2 Compute cost of goods sold for a kit product using real price costing

This document is written based on the CPAbooks community edition.

#### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 5.14.3 Compute cost of goods sold for a kit product using standard costing method

#### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

## 5.15 Indian Localization

### 5.15.1 Multiple tax included in price, i.e.Indian GST Tax

#### Video

Access the video at <https://www.youtube.com/watch?v=GUccOAoA1bU>



### 5.15.2 Track tax deduction at source and certificate receivable, (customer invoice)

TDS stands for **Tax Deducted at Source**. It was introduced to collect tax at the source from where an individual's income is generated.

The government uses TDS as a tool to collect tax in order to minimise tax evasion by taxing the income (partially or wholly) at the time it is generated rather than at a later date.

TDS is applicable on the various incomes such as salaries, interest received, commission received, consulting or professional services, job-work, etc.

Read more at: [https://www.incometaxindia.gov.in/Pages/Deposit\\_TDS\\_TCS.aspx](https://www.incometaxindia.gov.in/Pages/Deposit_TDS_TCS.aspx)

#### Business case

The *My Company* is a consulting company selling a professional consulting services their regular customer *China Export*. The customer will deducts the TDS @ 10% rate and make the payment against the bill.

#### Video

Access the video at <https://www.youtube.com/watch?v=0mo7ICMEIT8>

### 5.15.3 Manage tax deduction at source, tax ledger, compute payable and pay through bank (vendor bill)

TDS stands for **Tax Deducted at Source**. It was introduced to collect tax at the source from where an individual's income is generated.

The government uses TDS as a tool to collect tax in order to minimise tax evasion by taxing the income (partially or wholly) at the time it is generated rather than at a later date.

TDS is applicable on the various incomes such as salaries, interest received, commission received, consulting or professional services, job-work, etc.

Read more at: [https://www.incometaxindia.gov.in/Pages/Deposit\\_TDS\\_TCS.aspx](https://www.incometaxindia.gov.in/Pages/Deposit_TDS_TCS.aspx)

#### Business case

The *My Company* gets the professional consulting services from *Ajay Consulting Services* we have to deduct the TDS @ 10% and deposit to the government by the 7th of next month.

#### Video

Access the video at <https://www.youtube.com/vq60OruLojk>

### **5.15.4 Manage tax deduction at source (TDS) with accounting entries**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### **5.15.5 Adapt date format and currency separator according to Indian Localisation**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=YkIcFGLhcWs>

## INVENTORY MANAGEMENT

### 6.1 Setup

#### 6.1.1 Import the opening stock in warehouse

The page explain you the process to import the opening stock when you want to start using an inventory application.

##### Business case

The *My Company* wants to import the current opening stock into inventory.

##### Video

Access the video at <https://www.youtube.com/watch?v=8Pa7eB2HHQo>

### 6.2 Product & Stock

#### 6.2.1 How to setup a minimum stock rule?

##### Video

Access the video at <https://www.youtube.com/watch?v=US7LAfsAYE4>

#### 6.2.2 Compute stock for the kit product based on the component stock

##### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 6.2.3 Put your products in packs (e.g. parcels, boxes) and deliver them (detailed operation enabled)

#### Video

Access the video at <https://www.youtube.com/watch?v=7pPq9HFQr6Y>

### 6.2.4 Sell glass (125ml) of beers and manage the stock of beer bottles (750ml)

#### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 6.2.5 Setup Indent management (internal material request) with CPAbooks stock application

#### Video

Access the video at <https://www.youtube.com/watch?v=du7hpNCfTHk>

### 6.2.6 Reserve stock for preferred customer, deliver them when they place an order

#### Business Case

Some times in business you need to reserver stock for specific product when your preferred customer request, so that you can preserver that stock for preferred customer and should not be assigned to any other customer.

Later when preferred customer place an order you can deliver the products form that reserver stock only or you can actually choose from which stock you would like to make the delivery.

---

**Tip:** You can use the same configuration, when you would like to choose the specific stock (lots) irrespective of removal strategy.

---

#### Video

Access the video at [https://www.youtube.com/watch?v=\\_\\_Gch8uCQsA](https://www.youtube.com/watch?v=__Gch8uCQsA)

## 6.3 Delivery Order

### 6.3.1 How to use different invoice and delivery addresses?

#### Video

Access the video at <https://www.youtube.com/watch?v=DhUiPXw8PLE>

### 6.3.2 How to amendment products on delivery order? (Installed only inventory application)

#### Video

Access the video at [https://www.youtube.com/watch?v=MXxLRb\\_oJwo](https://www.youtube.com/watch?v=MXxLRb_oJwo)

## 6.4 Incoming Shipment

### 6.4.1 How to control product received? (Receive entirely & partially)

#### Video

Access the video at <https://www.youtube.com/watch?v=f8nXM8Tab7o>

### 6.4.2 How to transfer dairy products to fridge (cold storage) when it arrives to inventory?

#### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

## 6.5 Inventory Costing

### 6.5.1 Compute the cost of product (standard price)

#### Business case

The **My Company** is a distributor of *Laptop*, they purchase a laptop form the default supplier and sell to retail customers, they do not maintain the stock, they always purchase on demand so **Standard pricing** is perfect costing method for them. Some times they benefit or loss if they have stock and product price change as they directly change the product cost price which impact on their inventory value.

#### Configuration

- Install **Sales Management, Purchase Management & Accounting and Finance** apps
- Create a product *Laptop*
- Set the Internal Category to *All / Saleable*.
- Default costing method on the category is Standard pricing.
- Define *Default Supplier* as a vendor with the cost price of *Laptop*.
- Purchase 2 unit of Laptop at different rate then the Standard price, inventory value will be computed based on the product Standard price field.

---

**Note:** This method is less useful in the real-life.

---

## Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### See also:

- *Compute the cost of product (average costing)*
- *Compute the cost of product (first in first out method)*
- *Compute sell price and margin based on product cost price (AVCO costing method)*

## 6.5.2 Compute the cost of product (average costing)

The average costing method help you to decide the product sell price, each time you purchase the product new cost will be updated based on the existing stock and purchased stock value.

### Business case

The **My Company** is a distributor of *Laptop*, they purchase a laptop form the default supplier and sell to retail customers, there are sometime frequent price change, so **My Company** wants to setup the inventory costing and based on average cost method.

### Configuration

- Install **Sales Management, Purchase Management & Accounting and Finance** apps
- Create a product *Laptop*
- Set the Internal Category to *All / Saleable*
- Set **Costing Method** to *Average Cost (AVCO)* on *All / Saleable* category
- Define *Default Supplier* as a vendor with the cost price of *Laptop*.
- Purchase 3 unit of Laptop at different rates, the product will be computed on each reception by doing an average based on the purchase price.

---

**Tip:** Assumed that you have a 10 unit of laptop cost of 8500 (the inventory value will be same as the cost), you purchase new 10 laptop at the price of 830 each. The new cost price will be computed by an averga of total cost vs units.  $840 = (8500 + 8300) / 20$  (10 existing stock + 10 new purchase)

---

## Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### See also:

- *Compute the cost of product (standard price)*
- *Compute the cost of product (first in first out method)*
- *Compute sell price and margin based on product cost price (AVCO costing method)*

### 6.5.3 Compute the cost of product (first in first out method)

The fifo costing method help you to compute the accurate profit in the profit and loss account based on the all the purchase expense and sell price. You can add the landed cost (the cost of transportation) if you do a real time inventory valuation with fifo costing method. Each time you remove the products from warehouse the cost will be computed on the product **Cost** field

#### Configuration

- Install **Sales Management, Purchase Management & Accounting and Finance** apps
- Create a product *Laptop*
- Set the Internal Category to *All / Saleable*
- Set **Costing Method** to *Average Cost (AVCO)* on *All / Saleable* category
- Define *Default Supplier* as a vendor with the cost price of *Laptop*.
- Purchase 3 unit of Laptop at different rates, the product will be computed on each reception by doing an average based on the purchase price.

---

**Tip:** The FIFO is same as the Real price costing, follows the accounting FIFO and not forcing for warehouse FIFO removal strategy.

---

#### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

#### See also:

- *Compute the cost of product (standard price)*
- *Compute the cost of product (average costing)*
- *Compute sell price and margin based on product cost price (AVCO costing method)*

### 6.5.4 Compute sell price and margin based on product cost price (AVCO costing method)

The most common business case where you want to decide the sell price based on your cost of of the product purchase price.

#### Business case

The **My Company** is a distributor of *Laptop*, they purchase a laptop form the default supplier and sell to retail customers, there are sometime frequent price change, so **My Company** wants to setup the inventory costing and based on cost they can define the product they add 35% margin and sell to their customers.

## Configuration

- Install **Sales Management, Purchase Management & Accounting and Finance** apps
- Create a product *Laptop*
- Set the Internal Category to *All / Saleable*
- Set **Costing Method** to *Average Cost (AVCO)* on *All / Saleable* category
- Define *Default Supplier* as a vendor with the cost price of *Laptop*.
- Activate the **Multiple Sales Prices per Product** and **Margins** under the Sales / Configuration / Settings.
- Change existing price list *Public Pricelist* and add new pricelist item, they increase the Laptop price by 35%.

## Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

## 6.6 Inventory Valuation (Anglo-Saxons)

### 6.6.1 Compute the inventory valuation and cost of goods sold using standard costing

The manual inventory valuation method suggest that the valuation of an inventory has to be manage manually in financial accounting. The periodic journal entry has to be passed on regular internal so keep updated the valuation in balance sheet and cost of goods sold in profit and loss account.

On every regular internal an accounting entry has to be passed as below:

Description	Debit	Credit
Inventory Valuation		800
Cost of Goods Sold	800	

To compute the cost of goods sold use the below formula

COGS = Inventory Valuation as per Balance sheet - Inventory Valuation as per Inventory

### Product Cost price

As your inventory costing method is standards, you are allowed to change the cost price of the product, assumed that you increase the cost price.

---

**Tip:** Make sure you change the cost price on the product once your valuation is equal for inventory and balance sheet, else you may have a wrong cost of goods sold entry.

---

When you see a COGS is having a negative value it means that your value of the inventory increased in warehouse this should be reflect in the balance sheet too.

To increase the value in balance sheet you have to pass below journal entry



Description	Debit	Credit
Inventory Valuation	800	
Inventory Valuation Difference		800

Or, when you see a COGS is having a positive value it means that your value of the inventory decreased in warehouse and this should be reflect in the balance sheet too.

To decrease the value in balance sheet you have to pass below journal entry

Description	Debit	Credit
Inventory Valuation		800
Inventory Valuation Difference	800	

## Video

Access the video at <https://www.youtube.com/watch?v=03jBnbSr4pQ>

### See also:

- *Compute the cost of product (standard price)*
- *Compute the cost of product (first in first out method)*
- *Compute sell price and margin based on product cost price (AVCO costing method)*
- *Compute the inventory valuation and cost of goods sold using fifo costing method*
- *Compute the inventory valuation and cost of goods sold using average costing method*

## 6.6.2 Compute the inventory valuation and cost of goods sold using fifo costing method

The manual inventory valuation method suggest that the valuation of an inventory has to be manage manually in financial accounting. The periodic journal entry has to be passed on regular internal so keep updated the valuation in balance sheet and cost of goods sold in profit and loss account.

On every regular internal an accounting entry has to be passed as below:

Description	Debit	Credit
Inventory Valuation		800
Cost of Goods Sold	800	

To compute the cost of goods sold use the below formula

COGS = Inventory Valuation as per Balance sheet - Inventory Valuation as per Inventory

## Product Cost price

The cost price on the product page always display the cost of last unit sold or consumed or scrapped from the stock. If you change that manually it will not make any changes in the system.

---

**Tip:** Hide the product cost field, if all of your products have FIFO as the inventory costing method, even-users will never get confused.

---

## Video

Access the video at <https://www.youtube.com/watch?v=rlgS1eEJV2E>

### See also:

- *Compute the cost of product (standard price)*
- *Compute the cost of product (first in first out method)*
- *Compute sell price and margin based on product cost price (AVCO costing method)*
- *Compute the inventory valuation and cost of goods sold using standard costing*
- *Compute the inventory valuation and cost of goods sold using average costing method*

## 6.6.3 Compute the inventory valuation and cost of goods sold using average costing method

The manual inventory valuation method suggest that the valuation of an inventory has to be manage manually in financial accounting. The periodic journal entry has to be passed on regular internal so keep updated the valuation in balance sheet and cost of goods sold in profit and loss account.

On every regular internal an accounting entry has to be passed as below:

Description	Debit	Credit
Inventory Valuation		800
Cost of Goods Sold	800	

To compute the cost of goods sold use the below formula

$$\text{COGS} = \text{Inventory Valuation as per Balance sheet} - \text{Inventory Valuation as per Inventory}$$

## Product Cost price

As your inventory costing method is average, you are allowed to change the cost price of the product, assumed that you increase the cost price.

---

**Tip:** Make sure you change the cost price on the product once your valuation is equal for inventory and balance sheet, else you may have a wrong cost of goods sold entry.

---

When you see a COGS is having a negative value it means that your value of the inventory increased in warehouse this should be reflect in the balance sheet too.

To increase the value in balance sheet you have to pass below journal entry

Description	Debit	Credit
Inventory Valuation	800	
Inventory Valuation Difference		800

Or, when you see a COGS is having a positive value it means that your value of the inventory decreased in warehouse and this should be reflect in the balance sheet too.

To decrease the value in balance sheet you have to pass below journal entry

Description	Debit	Credit
Inventory Valuation		800
Inventory Valuation Difference	800	

## Video

Access the video at <https://www.youtube.com/watch?v=dQWx49oFBwk>

### See also:

- *Compute the cost of product (standard price)*
- *Compute the cost of product (first in first out method)*
- *Compute sell price and margin based on product cost price (AVCO costing method)*
- *Compute the inventory valuation and cost of goods sold using standard costing*
- *Compute the inventory valuation and cost of goods sold using fifo costing method*

## 6.7 Automatic Inventory Valuation (Anglo-Saxons)

### 6.7.1 Automatic cost of cost goods sold when using standard costing method

#### Video

Access the video at <https://www.youtube.com/watch?v=-X-JBtwa3XY>

### 6.7.2 Compute cost of goods sold for a kit product using real price costing - CPA-books

#### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 6.7.3 Compute cost of goods sold for a kit product using standard costing method

#### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

## **PURCHASE MANAGEMENT**

### **7.1 Request for Quotation**

#### **7.1.1 Create a Request for Quotation**

##### **Video**

Access the video at <https://www.youtube.com/watch?v=nDGn1zxgSKo>

#### **7.1.2 Create a purchase order when sale order confirms**

##### **Video**

Access the video at <https://www.youtube.com/watch?v=rygUeJd4d60>

#### **7.1.3 Setup two levels of approval for purchase orders**

##### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

#### **7.1.4 Setup drop-shipping**

##### **Video**

Access the video at <https://www.youtube.com/watch?v=J8v5dWWaVOg>

## **7.2 Supplier Pricelist**

### **7.2.1 Search by supplier product code or name on the request for quotation**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=x66dK3mulqk>

## **7.3 Purchase Exception**

### **7.3.1 Buy from new supplier when your default supplier reject the order (Drop-ship)**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=E8iGjJiKehg>

### **7.3.2 Cancel the confirmed purchase order**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=8p5b9PIka1A>

## **7.4 Vendor Bills**

### **7.4.1 Control vendor bills, pay vendor bills based on reception**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=M3LJMpsOknY>

## **7.5 Purchase Agreement**

### **7.5.1 Manage bulk purchase through tender process**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=7FGMVfk2yJg>

## 7.5.2 Purchase partially from two vendors for the same purchase tender

### Video

Access the video at <https://www.youtube.com/watch?v=I50-lG3rRuo>

## 7.6 Inventory Costing

### 7.6.1 Compute the cost of product (standard price)

#### Business case

The **My Company** is a distributor of *Laptop*, they purchase a laptop form the default supplier and sell to retail customers, they do not maintain the stock, they always purchase on demand so **Standard pricing** is perfect costing method for them. Some times they benefit or loss if they have stock and product price change as they directly change the product cost price which impact on their inventory value.

#### Configuration

- Install **Sales Management, Purchase Management & Accounting and Finance** apps
- Create a product *Laptop*
- Set the Internal Category to *All / Saleable*.
- Default costing method on the category is Standard pricing.
- Define *Default Supplier* as a vendor with the cost price of *Laptop*.
- Purchase 2 unit of Laptop at different rate then the Standard price, inventory value will be computed based on the product Standard price field.

---

**Note:** This method is less useful in the real-life.

---

### Video

Access the video at <https://www.youtube.com/watch?v=NWMPjyohTmc>

#### See also:

- *Compute the cost of product (average costing)*
- *Compute the cost of product (first in first out method)*
- *Compute sell price and margin based on product cost price (AVCO costing method)*

## 7.6.2 Compute the cost of product (average costing)

The average costing method help you to decide the product sell price, each time you purchase the product new cost will be updated based on the existing stock and purchased stock value.

### Business case

The **My Company** is a distributor of *Laptop*, they purchase a laptop form the default supplier and sell to retail customers, there are sometime frequent price change, so **My Company** wants to setup the inventory costing and based on average cost method.

### Configuration

- Install **Sales Management, Purchase Management & Accounting and Finance** apps
- Create a product *Laptop*
- Set the Internal Category to *All / Saleable*
- Set **Costing Method** to *Average Cost (AVCO)* on *All / Saleable* category
- Define *Default Supplier* as a vendor with the cost price of *Laptop*.
- Purchase 3 unit of Laptop at different rates, the product will be computed on each reception by doing an average based on the purchase price.

---

**Tip:** Assumed that you have a 10 unit of laptop cost of 8500 (the inventory value will be same as the cost), you purchase new 10 laptop at the price of 830 each. The new cost price will be computed by an averga of total cost vs units.  $840 = (8500 + 8300) / 20$  (10 existing stock + 10 new purchase)

---

### Video

Access the video at <https://www.youtube.com/watch?v=Mp6IUUtP7Tc>

### See also:

- *Compute the cost of product (standard price)*
- *Compute the cost of product (first in first out method)*
- *Compute sell price and margin based on product cost price (AVCO costing method)*

## 7.6.3 Compute the cost of product (first in first out method)

The fifo costing method help you to compute the accurate profit in the profit and loss account based on the all the purchase expense and sell price. You can add the landed cost (the cost of transportation) if you do a real time inventory valuation with fifo costing method. Each time you remove the products from warehouse the cost will be computed on the product **Cost** field



## Configuration

- Install **Sales Management, Purchase Management & Accounting and Finance** apps
- Create a product *Laptop*
- Set the Internal Category to *All / Saleable*
- Set **Costing Method** to *Average Cost (AVCO)* on *All / Saleable* category
- Define *Default Supplier* as a vendor with the cost price of *Laptop*.
- Purchase 3 unit of Laptop at different rates, the product will be computed on each reception by doing an average based on the purchase price.

---

**Tip:** The FIFO is same as the Real price costing, follows the accounting FIFO and not forcing for warehouse FIFO removal strategy.

---

## Video

Access the video at <https://www.youtube.com/watch?v=Lo9H0ZSEzf4>

### See also:

- *Compute the cost of product (standard price)*
- *Compute the cost of product (average costing)*
- *Compute sell price and margin based on product cost price (AVCO costing method)*

## 7.6.4 Compute sell price and margin based on product cost price (AVCO costing method)

The most common business case where you want to decide the sell price based on your cost of the product purchase price.

### Business case

The **My Company** is a distributor of *Laptop*, they purchase a laptop from the default supplier and sell to retail customers, there are sometime frequent price change, so **My Company** wants to setup the inventory costing and based on cost they can define the product they add 35% margin and sell to their customers.

## Configuration

- Install **Sales Management, Purchase Management & Accounting and Finance** apps
- Create a product *Laptop*
- Set the Internal Category to *All / Saleable*
- Set **Costing Method** to *Average Cost (AVCO)* on *All / Saleable* category
- Define *Default Supplier* as a vendor with the cost price of *Laptop*.
- Activate the **Multiple Sales Prices per Product and Margins** under the Sales / Configuration / Settings.
- Change existing price list *Public Pricelist* and add new pricelist item, they increase the Laptop price by 35%.

### Video

Access the video at <https://www.youtube.com/watch?v=Y1UTG Tkf3o0>

## 7.7 Advance Topics

### 7.7.1 Sell or refill the chemical products in container

#### Video

Access the video at <https://www.youtube.com/watch?v=iZYg0t0DNms>

## POINT OF SALE

### 8.1 Point of Sale

#### 8.1.1 Use customers on point of sale and access the customer ledger

Registering your customers will give you the ability to grant them various privileges such as discounts, loyalty program, specific communication. It will also be required if they want an invoice and registering them will make any future interaction with them faster.

##### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

#### 8.1.2 Create a customer invoice for selected orders on Point of Sale

Some of your customers might request an invoice when buying from your Point of Sale, you can easily manage it directly from the PoS interface.

##### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

#### 8.1.3 Launch a limited period offers on Point of Sale

Entice your customers and increase your revenue by offering time-limited or seasonal discounts. CPAbooks has a powerful pricelist feature to support a pricing strategy tailored to your business.

##### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 8.1.4 Manage cash round-up or down at Point of Sale cash payment

#### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 8.1.5 Apply discount on specific product price or on order value

If you seldom use discounts, applying manual discounts might be the easiest solution for your Point of Sale.

You can either apply a discount on the whole order or on specific products.

#### Business case

The shop *My company* wants to apply the discount for the specific product, or on whole order based on the customer.

#### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 8.1.6 Retain your walk-in customers, setup customer retention program (loyalty program)

Encourage your customers to continue to shop at your point of sale with a Loyalty Program.

#### Business case

The shop *My Company* wants to setup the customer retention program, that offers a 0.25 loyalty point to customer for each 1\$ they spent in the shop.

Customer can later use those point, each point equivalent to 1\$ to pay their bills later. There is no limit on number of points they earn and spent.

#### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 8.1.7 Sales return through Point of Sale

#### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

## 8.2 Session Management

### 8.2.1 How to print z-report from CPAbooks point of sale?

#### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 8.2.2 Print z-report at the end of the day for each terminal separately and grouped

#### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

## 8.3 Barcode Scanner

### 8.3.1 Scan weight of the product through barcode in Point of sale

Point of sale may need to scan the product weight to decide the price. There are multiple ways to get the weight into point of sale, some of them are as below

- You are selling predefined packs (based on weight) of the products, and you want to know which pack has been scanned at the terminal to decide the price. i.e. pack of 250gm, pack of 500gm, pack of 1kg etc.
- You sell the items in loose packaging form, where customer create their own custom pack depending on their need, they do weight and generate the barcode accordingly.
- The third way is more easier to use in real-life but most complex to configure in CPAbooks, is to attached the weight scale machine to the point of sales terminal.

#### Business case

The small fruit shop sells the predefined packs of the Apples, they create a packs in advance such as Pack of 250gm, Pack of 500gm or Pack of 1kg. They would like to compute the price of the pack depending on the pack scan at the terminal.

---

**Tip:** You can scan **Product price** or **Discount** from the barcode, you need to configure the barcode rules under Nomenclature (i.e. Goto Point of sale session configuration and enable **Barcode Scanner** option)

---

## Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 8.3.2 Scan product price through barcode in Point of Sale (Dynamic pricing without pricelist)

The great feature is pricelist can be applied to the point of sale in CPAbooks. However it is not easy to configure the pricelist for the point of sale, also it increase the size in number of data that load at the point of sale startup.

CPAbooks point of sale is able to read and understand the barcode well so that, it can fetch the product price from the barcode, and they work well without loading lots of data and defining the complex pricelist rules for the point of sale. You can create a barcode with price in below business scenarios.

- The manufacturer print the barcode with the price, as the price often changes.
- You can create your own barcode as you want to run the promotion schemes until the stock.

## Business case

The shop **My Company** wants to run the promotion program on some products, for the limited stock available in the shop.

## Configuration

You have to create the barcode rules under the point of sale barcode nomenclature. The default rule already exists with the name *Price Barcodes 2 Decimals* the **Barcode Pattern** is *23....{NNNDD}* it describes that the total size of the barcode is 12 digits.

It starts with 23, then 5 digit product code at last it has the 5 digit product price can be configured.

---

**Tip:** The barcode on the product has to be configured the 12 digits i.e. 231234500000. keep last 5 digits as 0 as it may be different according to the price.

---

## Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 8.3.3 Scanning manufacturer barcode at Point of Sale (Scan same product for multiple barcodes)

## Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

## **8.4 Accounting**

### **8.4.1 How to do credit sale through the point of sale**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### **8.4.2 How to pay invoice through wallet in Point of Sale?**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### **8.4.3 Sales return through Point of Sale terminal, receive product and return cash**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### **8.4.4 Sales return through Point of Sale terminal (working with customer invoice and credit note)**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>





## PROJECT MANAGEMENT

### 9.1 Project & Task

#### 9.1.1 How to create task from sales order and invoice based on timesheet?

##### Video

Access the video at <https://www.youtube.com/watch?v=2gXbuL8J6zA>

#### 9.1.2 Create default stages in the project created through Sales order

##### Video

Access the video at <https://www.youtube.com/watch?v=JfY750QmMLo>

#### 9.1.3 How to gather feedback from customers?

##### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

#### 9.1.4 Create a website development project when customer confirm the project

##### Business Case

Assume that you sell the projects, you would like to create a new project when your customer pay the payment online.

##### Video

Access the video at <https://www.youtube.com/watch?v=SzANSvC8Z-E>

### **9.1.5 Check the profitability for project, compare the sales price vs employee expense**

#### **Business Case**

Lets' check the project cost vs revenue and decide the profitability of the project.

#### **Video**

Access the video at <https://www.youtube.com/watch?v=a0bBqvNWLmU>

## **9.2 Timesheet**

### **9.2.1 How to record time spent on Task and Project?**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### **9.2.2 Record time spent using Awesome Timesheet - Chrome plugin**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

## **9.3 Helpdesk**

### **9.3.1 Managing service tickets and service contracts**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

## **9.4 Customer Portal**

### **9.4.1 How to allow the customer to view timesheet on their task and projects?**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

## MANUFACTURING

### 10.1 Inventory

#### 10.1.1 How to issue material to factory location to start manufacturing order?

##### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

#### 10.1.2 Manage stock of liquid products in warehouse (unit vs ml)

##### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

#### 10.1.3 Compute stock for the kit product based on the component stock

##### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 10.2 By-Products

#### 10.2.1 Wooden, Glass or Plastic sheet consumption during the manufacturing process

##### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

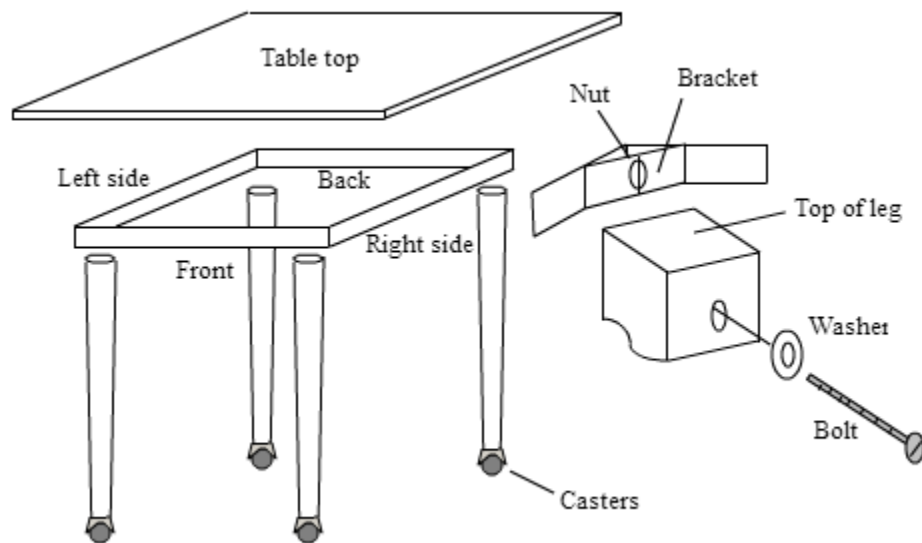
## 10.3 Subcontracting

### 10.3.1 Setup subcontracting in manufacturing process

Most manufacturing companies outsource some part of the job contracting work to other manufacturing companies to get the best expertise methodology and resource to produce the world class product (i.e Most reputed companies smart phones are assembled in China is the best example of the subcontracting)

In this document we will show you steps to setup the subcontracting business flow, Issue the raw material to your contractor and get the semi-finished product which will be consumed later to prepare the final product in our factory.

Let's take an example of Table, to produce the table we need 1 table top and table frame, 4 lags and some consumable like bracket and bolt, assumed that table is laminated by third party contractor where we supply wood sheet and lamination sheet to prepare the laminated table top.



#### Video

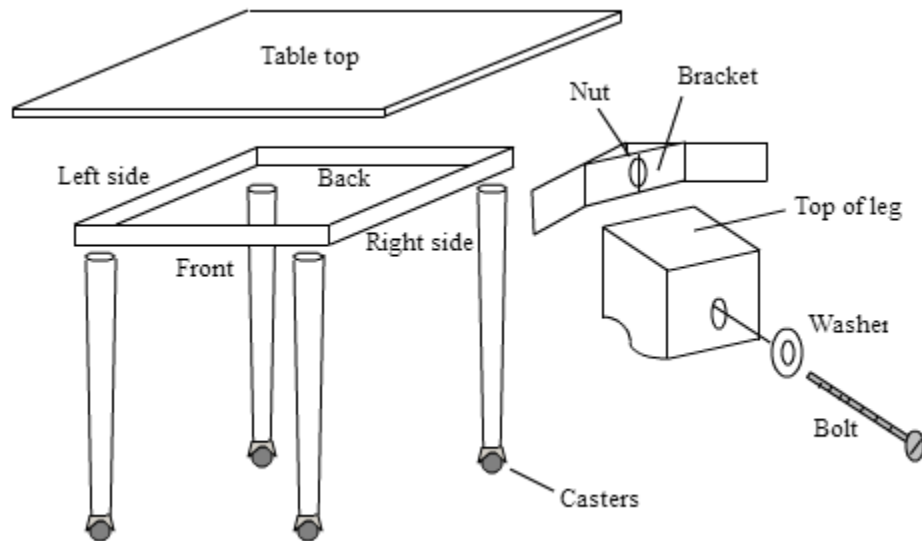
Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 10.3.2 Partial receipt of material and bill from subcontractor

Most manufacturing companies outsource some part of the job contracting work to other manufacturing companies to get the best expertise methodology and resource to produce the world class product (i.e Most reputed companies smart phones are assembled in China is the best example of the subcontracting)

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Let's take an example of Table, to produce the table we need 1 table top and table frame, 4 lags and some consumable like bracket and bolt, assumed that table is laminated by third party contractor where we supply wood sheet and lamination sheet to prepare the laminated table top.



### Video

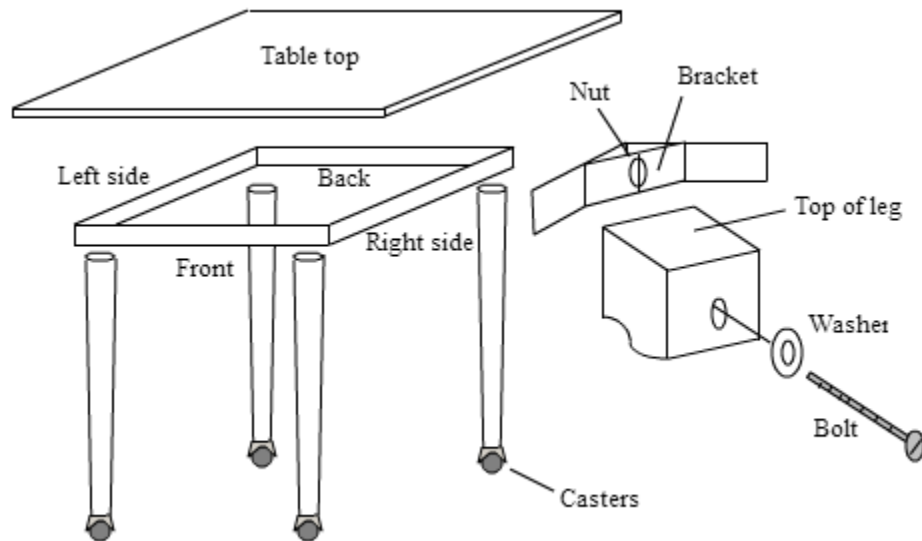
Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 10.3.3 Flexible MRP flows, procure semi-finish material from subcontract or manufacture or purchase

Most manufacturing companies outsource some part of the job contracting work to other manufacturing companies to get the best expertise methodology and resource to produce the world class product (i.e Most reputed companies smart phones are assembled in China is the best example of the subcontracting)

In this document we will show you steps to setup the subcontracting business flow, Issue the raw material to your contractor and get the semi-finished product which will be consumed later to prepare the final product in our factory.

Let's take an example of Table, to produce the table we need 1 table top and table frame, 4 lags and some consumable like bracket and bolt, assumed that table is laminated by third party contractor where we supply wood sheet and lamination sheet to prepare the laminated table top.



### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

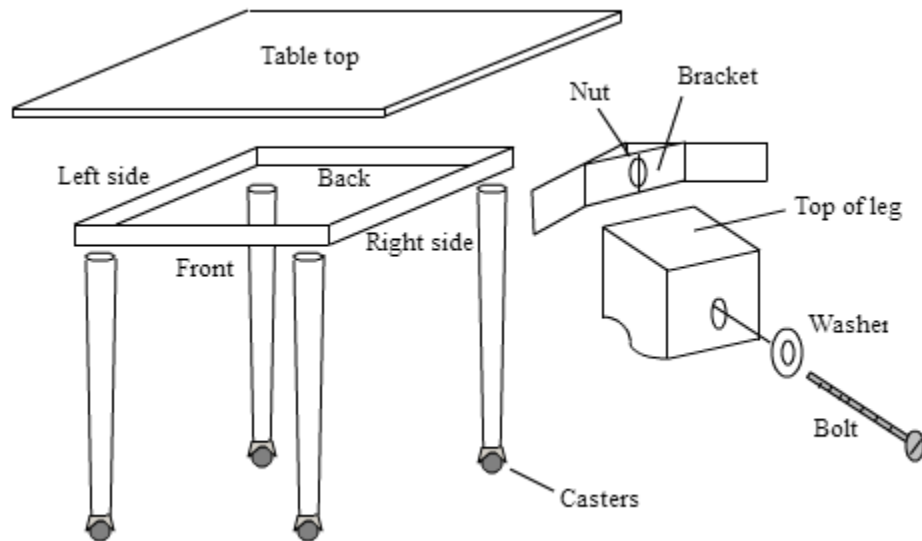
### 10.3.4 Setup subcontracting in manufacturing process (Dropship Material)

Most manufacturing companies outsource some part of the job contracting work to other manufacturing companies to get the best expertise methodology and resource to produce the world class product (i.e Most reputed companies smart phones are assembled in China is the best example of the subcontracting)

In this document we will show you steps to setup the subcontracting business flow, Issue some raw material to your contractor from your warehouse and some raw material ask your vendor to make the direct delivery to contractor location.

Contractor will produce the semi-finished product which will be consumed later to prepare the final product in our factory.

Let's take an example of Table, to produce the table we need 1 table top and table frame, 4 lags and some consumable like bracket and bolt, assumed that table is laminated by third party contractor where we supply wood sheet and lamination sheet will be supplied by our vendor directly to prepare the laminated table top.



## Configuration

Install manufacturing, purchase, inventory applications in order to create the full subcontracting flow.

## Create location

By default production is the location where all the manufacturing order processed, all the material issued from stock location to Production location, and once production completed the final product pushed back to the stock location.

We need separate location which is not part of our warehouse, we will call it subcontracting. It will be easy to track the material issued to the subcontractor, also we can define reorder level on that location.

---

**Tip:** You can enable the multi location from **Inventory / Configuration / Settings**, select **Storage Locations** and apply the setting.

---

To create the location go to **Inventory / Configuration / Location**, create an internal location named as Contractor under the WH.

Locations / New

**SAVE** DISCARD

Current Stock



Products



Active

Location Name

**Contractor**

Parent Location

WH

## Additional Information

Location Type Internal Location

Owner

Is a Scrap Location? ☐Is a Return Location? ☐

## Localization

Corridor (X) 0

Shelves (Y) 0

Height (Z) 0

Barcode

## Logistics

Removal Strategy

Put Away Strategy

**Enable routes**

Inventory route plays a key role to create the subcontracting flow, using routes we are able make the custom flow for the inventory, like Issue material to contractor and receive finished material form contractor.

To create the custom route go to **Inventory / Configuration / Settings** and select **Multi-Step Routes**, Storage Locations will be selected automatically.

**Warehouse****Storage Locations**

Track product location in your warehouse

[→ Locations](#)**Multi-Warehouses**

Manage several warehouses

**Multi-Step Routes**

Use your own routes and putaway strategies

[→ Set Warehouse Routes](#)[→ Set Putaway Strategies on Locations](#)

Let's create a two different routes, which can be selectable on the product routes

- **Material** - select this route on the product which can be issued to the contractor
- **Subcontracting** - select this route when you want contractor to be product and send it to our warehouse (stock location)



## Material Route (Buy and Deliver)

Material route, select Product and Product Category under the Applicable On options.

Route Name

Material (Buy -> Deliver)

### Applicable On

Select the places where this route can be selected

Product Categories

☐

Warehouses

☐

Products

☒

### Push Rules

Source Location	Destination Location	Operation Name
Add an item		

### Procurement Rules

Name	Action	Operation Type
✚ Issue Material	Move From Another Location	My Company: Delivery Orders
Add an item		

Create a Procurement that applied on the Contractor location and ask our Stock location to fulfill the requirement by stock transfer.

Open: Procurement Rules

×

Active

Name

Issue Material

Action

Move From Another Location



### Applied On

Procurement Location WH/Contractor



### Creates

Source Location WH/Stock



Move Supply Method Take From Stock



Operation Type My Company: Delivery Orders



Partner Address



Delay 2 days

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SAVE & NEW

DISCARD

**Tip:** Material Route (Buy and Deliver) route first check the material at WH/Stock location and buy when enough

stock is not available.

Material Route (Dropship)

Material route, select Product and Product Category under the Applicable On options.

Material (Dropship)

Applicable On

Select the places where this route can be selected

Product Categories

☐

Warehouses

☐

Products

☒

Push Rules

Source Location	Destination Location	Operation Name

Procurement Rules

Name	Action	Operation Type
Purchase	Buy	My Company: Direct Delivery

Create a Procurement that perform the Buy operation when stock or product is not available at WH/Contractor location.

Open: Procurement Rules

×

Active

Name

Purchase

Action

Buy

Applied On

Procurement Location

WH/Contractor

Creates

Operation Type

My Company: Direct Delivery

SAVE

DISCARD

**Tip:** Material Route (Dropship) route first check the material at WH/Stock location and buy when enough stock is not available.

## Subcontracting Route

Same way create second route “Subcontracting” that create a manufacturing order at contractor location when we need that semi-finished material in our stock.

Route Name

**Subcontracting**

### Applicable On

Select the places where this route can be selected

Product Categories



Warehouses



Products



### Push Rules

Source Location	Destination Location	Operation Name
Add an item		

### Procurement Rules

Name	Action	Operation Type
+ Subcontracting	Manufacture	My Company: Subcontracting
Add an item		

Create a procurement rules that applied on WH/Stock location and ask WH/Contractor location to fulfil by creating a manufacturing order. This configuration will create the manufacturing order at Contractor location and looking for the material at WH/Contractor location and once Tabletop produced it will be pushed to WH/Stock location.

Open: Procurement Rules



Active

Name

**Subcontracting**

Action

Manufacture



### Applied On

Procurement Location WH/Stock



### Creates

Source Location WH/Contractor



Operation Type My Company: Subcontracting




SAVE

DISCARD

To separate the contractor’s manufacturing orders form the normal manufacturing orders you should create a new operation type which will be appeared on the warehouse dashboard.


Open: Operation Type ✕

---

 **Active**


---


**Operation Types Name** Subcontracting      **Type of Operation** Manufacturing Operation

**Reference Sequence** Subcontracting 

**Locations**

**Default Source Location** WH/Contractor 







**Default Destination Location** WH/Stock 

---


SAVE
DISCARD

## Products

Let's create the Tabletop product and select the correct route on this product, select Subcontracting as this product is manufactured but at contractor location, we just need to supply them wooden and lamination sheet.

\$ Cost Analysis
 0 On Hand
 0 Forecasted
 Product Moves
 2 Reordering Rule...
 1 Bill of Materials
 1 Used In
More ▾

**Product Name**

Tabletop 

☒ Can be Sold  
☒ Can be Purchased

General Information
Sales
Purchase
Inventory
Invoicing
Notes

**Operations**

**Routes**

☐ Material (Buy -> Deliver)  
☐ Material (Dropship)  
☒ Subcontracting  
☐ Buy  
☐ Manufacture  
☐ Make To Order


**Manufacturing Lead Time** 5.00 days

**Customer Lead Time** 0.00 days

**Logistics**

**Weight** 0.00 kg

**Volume** 0.00 m<sup>3</sup>

**Responsible** Administrator 

When you create a Wooden sheet select the Material (Buy -> Deliver) and Buy routes.

20 On Hand	20 Forecasted	Product Moves	2 Reordering Rul...	0 Bill of Materials	1 Used In	0 Manufacturing	More ▾
------------	---------------	---------------	---------------------	---------------------	-----------	-----------------	--------

Product Name  
**Wooden sheet**

☒ Can be Sold  
☒ Can be Purchased

General Information Sales Purchase **Inventory** Invoicing Notes

**Operations**

Routes

- ☒ Material (Buy -> Deliver)
- ☐ Material (Dropship)
- ☐ Subcontracting
- ☒ Buy
- ☐ Manufacture
- ☐ Make To Order

Manufacturing Lead Time 0.00 days  
Customer Lead Time 0.00 days

**Logistics**

Weight 0.00 kg  
Volume 0.00 m³  
Responsible Administrator

When you create a Lamination sheet select the Material (Dropship) route.

0 On Hand	0 Forecasted	Product Moves	2 Reordering Rul...	0 Bill of Materials	1 Used In	0 Manufacturing	More ▾
-----------	--------------	---------------	---------------------	---------------------	-----------	-----------------	--------

Product Name  
**Laminate sheet**

☐ Can be Sold  
☒ Can be Purchased

General Information Purchase **Inventory** Invoicing Notes

**Operations**

Routes

- ☐ Material (Buy -> Deliver)
- ☒ Material (Dropship)
- ☐ Subcontracting
- ☐ Buy
- ☐ Manufacture
- ☐ Make To Order

Manufacturing Lead Time 0.00 days  
Customer Lead Time 0.00 days

**Logistics**

Weight 0.00 kg  
Volume 0.00 m³  
Responsible Administrator

Depending on the product routes will be applied, delivery and purchase order will be create for the Wooden sheet while Lamination sheet will create the purchase order and direct delivery form vendor location.

**Note:** Define the vendor under the purchase tab and define the re-order level for location WH/Stock and WH/Contractor depending on the needs.

Define the other raw material such as lags, table frame, bracket and bolt as stockable and define respective vendors and re-order level for each products. The bolt can be defined as consumable with the minimum stock level.

## Bill of Material

Define two different bill of material one for Tabletop and second for the Table (final product).

Active

**Product** Tabletop

**Reference**

**Quantity** 1.00

**BoM Type**   
☒ Manufacture this product   
☐ Kit

Components

Miscellaneous

Product	Product Quantity
<div style="display: flex; align-items: center;"> <span style="font-size: 1.2em; margin-right: 5px;">+</span> <span>Wooden sheet</span> <span style="margin-left: 10px;">📄</span> </div>	1.000 <span style="font-size: 0.8em;">🗑</span>
<div style="display: flex; align-items: center;"> <span style="font-size: 1.2em; margin-right: 5px;">+</span> <span>Laminate sheet</span> <span style="margin-left: 10px;">📄</span> </div>	1.000 <span style="font-size: 0.8em;">🗑</span>
<a href="#" style="color: #00a000; text-decoration: none;">Add an item</a>	

Once you define the bill of material for Table it will be looking as below, print the BOM Structure from Print manu on the Table's bill of material.

## BOM Structure

BOM Name	Quantity	BOM Ref
<b>Table</b>	<b>1.00</b>	
Tabletop	1.0	
Wooden sheet	1.0	
Laminate sheet	1.0	
Table frame	1.0	
Table lag	4.0	
Bracket	4.0	
Bolt	8.0	

## Cost Structure

Make sure that you have configured the correct cost on each product to compute the cost of the finished and semi-finished raw material.

### Table

1.0 Unit(s)

#### Cost Structure

Reference	Raw Materials	Quantity	Unit Cost	Total Cost
	Tabletop	1.000	\$ 80.00	\$ 80.00
	Table frame	1.000	\$ 25.00	\$ 25.00
	Table lag	4.000	\$ 12.00	\$ 48.00
	Bracket	4.000	\$ 4.00	\$ 16.00
	Bolt	8.000	\$ 0.50	\$ 4.00
Total Cost of Components				\$ 173.00

Let's add a new consumable product on the Table top bill of material to include the cost of contractor, I have considered that to produce each table top contractor will charge us \$5 as a service and delivery charges.

I have added that cost to the my Table top bill of material, and cost computed based on the components and service is not \$80.

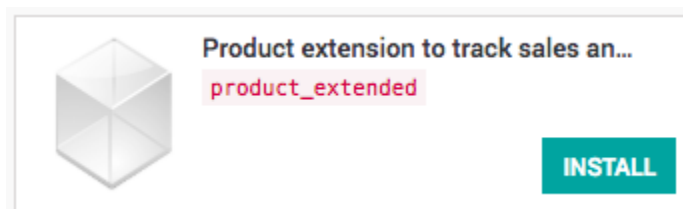
### Tabletop

1.0 Unit(s)

#### Cost Structure

Reference	Raw Materials	Quantity	Unit Cost	Total Cost
	Wooden sheet	1.000	\$ 45.00	\$ 45.00
	Laminate sheet	1.000	\$ 30.00	\$ 30.00
	Contractor cost	1.000	\$ 5.00	\$ 5.00
Total Cost of Components				\$ 80.00

**Tip:** You can also install the Product extension to track sales and purchases app to compute the cost of the product based on the cost of material consumed.



## Reorder Rules

Make sure that you defined the reorder rules for each product respectively to the locations. The reorder rules have to be defined for both WH/Stock and WH/Contractor location.

Reordering Rules						
<a href="#">CREATE</a> <a href="#">IMPORT</a>		Location <input type="text"/> Search...				
		Filters Group By Favorites				
	<input type="checkbox"/> Name	Warehouse	Location	Product	Minimum Quantity	Maximum Quantity
▼ WH/Contractor (3)					0.000	0.000
	<input type="checkbox"/> OP/00005	My Company	WH/Contractor	Laminate sheet	0.000	0.000
	<input type="checkbox"/> OP/00007	My Company	WH/Contractor	Wooden sheet	0.000	0.000
	<input type="checkbox"/> OP/00009	My Company	WH/Contractor	Tabletop	0.000	0.000
▼ WH/Stock (6)					20.000	135.000
	<input type="checkbox"/> OP/00001	My Company	WH/Stock	Bracket	20.000	50.000
	<input type="checkbox"/> OP/00002	My Company	WH/Stock	Table frame	0.000	5.000
	<input type="checkbox"/> OP/00003	My Company	WH/Stock	Table lag	0.000	40.000
	<input type="checkbox"/> OP/00004	My Company	WH/Stock	Laminate sheet	0.000	20.000
	<input type="checkbox"/> OP/00006	My Company	WH/Stock	Wooden sheet	0.000	20.000
	<input type="checkbox"/> OP/00008	My Company	WH/Stock	Tabletop	0.000	0.000

Run the Scheduler from Inventory application, you should get the first request for quotation under the Purchase application as below.

Request for Quotation

PO00001

Vendor

China Export

Order Date

07/04/2018 00:01:23

Vendor Reference

Source Document

OP/00006, OP/00001, OP/00004, OP/00003, OP/00002

Products

Deliveries & Invoices

Product	Description	Scheduled Date	Quantity	Unit Price	Taxes	Subtotal
⊕ Wooden sheet	Wooden sheet	07/05/2018 00:01:23	20.000	45.00		\$ 900.00
⊕ Bracket	Bracket	07/05/2018 00:01:23	50.000	4.00		\$ 200.00
⊕ Laminate sheet	Laminate sheet	07/05/2018 00:01:23	20.000	30.00		\$ 600.00
⊕ Table lag	Table lag	07/05/2018 00:01:23	40.000	12.00		\$ 480.00
⊕ Table frame	Table frame	07/05/2018 00:01:23	10.000	25.00		\$ 250.00

Add an item

Define your terms and conditions ...

Untaxed Amount:

\$ 2,430.00

Taxes:

\$ 0.00

Total:

\$ 2,430.00

Confirm the purchase and receive the raw material to have the seamless test for the subcontracting business flow.



## Manufacturing order

Everything is setup and now we are ready to test our first manufacturing order that triggers subcontracting flow. Create the manufacturing order for 1 Table, save and check on Check Availability button.

### MO/00001

Product **Table**  
Quantity To Produce 1.000  
Bill of Material **Table**

Update

Deadline Start 07/03/2018 00:10:05  
Responsible Administrator  
Source

Consumed Materials
Finished Products
Miscellaneous

Product	To Consume	Reserved	Consumed
Tabletop	1.000	0.000	0.000
Table frame	1.000	1.000	0.000
Table lag	4.000	4.000	0.000
Bracket	4.000	4.000	0.000
Bolt	8.000	8.000	0.000

All the material except Tabletop will be marked as available.

Go to Inventory application and run the scheduler 2 times, you will notice after each scheduler run you will see the updates on the dashboard. First time it will create the manufacturing order at Subcontracting options and then delivery order on the Delivery operation.

Inventory

Dashboard Operations Master Data Reporting Configuration

Administrator

Inventory

Search...

Filters Group By Favorites

1-5 / 5

Receipts

My Company

0 TO RECEIVE

Internal Transfers

My Company

0 TRANSFERS

Delivery Orders

My Company

0 TO DO

2

Waiting 1

Late 1

Manufacturing

My Company

1 TO DO

Subcontracting

My Company

1 TO DO

1

Late 1

Open the delivery order and process it, as soon as you process the manufacturing order at Contractor location will be ready to process.

Inventory / Manufacturing Orders / SUB/00001

EDIT CREATE Print Action 1 / 1 < >

PRODUCE CANCEL SCRAP UNRESERVE UNLOCK CONFIRMED IN PROGRESS DONE

### SUB/00001

Product Tabletop  
 Quantity To Produce 1.000 [Update](#)  
 Bill of Material Tabletop

Deadline Start 06/29/2018 00:11:59  
 Responsible Administrator  
 Source OP/00008

Consumed Materials Finished Products Miscellaneous

Product	To Consume	Reserved	Consumed
Wooden sheet	1.000	1.000	0.000
Laminate sheet	1.000	1.000	0.000
Contractor cost	1.000	1.000	0.000

Process and manufacturing the set it mark as done. When contractor's manufacturing order processed and mark as done, the Tabletop will be marked as received in our warehouse and we are ready to process the order for the Table in our factory.

Manufacturing Orders / MO/00001

EDIT CREATE Print Action 1 / 1 < >

PRODUCE CANCEL SCRAP UNRESERVE UNLOCK CONFIRMED IN PROGRESS DONE

### MO/00001

Product Table  
 Quantity To Produce 1.000 [Update](#)  
 Bill of Material Table

Deadline Start 07/03/2018 00:10:05  
 Responsible Administrator  
 Source

Consumed Materials Finished Products Miscellaneous

Product	To Consume	Reserved	Consumed
Tabletop	1.000	1.000	0.000
Table frame	1.000	1.000	0.000
Table lag	4.000	4.000	0.000
Bracket	4.000	4.000	0.000
Bolt	8.000	8.000	0.000

Finally produce the table and set this manufacturing order as done by clicking on the Mark as Done button. Check the inventory level it has be looking as below.

<input type="checkbox"/> Product	Location	Reserved	On Hand
		0.00	130.00
<input type="checkbox"/> Wooden sheet	WH/Stock	0.00	19.00
<input type="checkbox"/> Bracket	WH/Stock	0.00	46.00
<input type="checkbox"/> Laminate sheet	WH/Stock	0.00	19.00
<input type="checkbox"/> Table lag	WH/Stock	0.00	36.00
<input type="checkbox"/> Table frame	WH/Stock	0.00	9.00
<input type="checkbox"/> Table	WH/Stock	0.00	1.00

## Contractor Bill

Receive the vendor bill and create it manually.

## Video

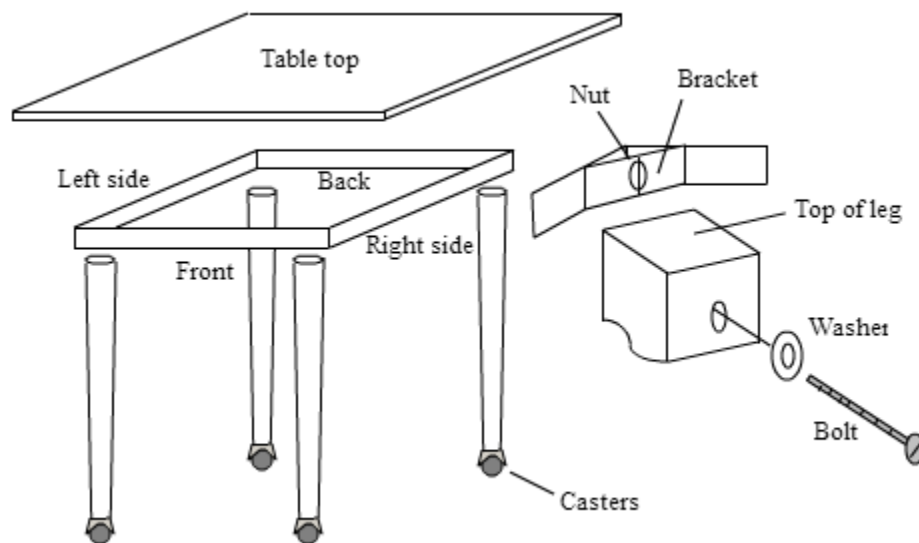
Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 10.3.5 Subcontracting process for contractors

Like the we *setup subcontracting in manufacturing process* for companies who outsource the contracting work, the contractor need the setup at other side, he get the requirement form factory to perform the some part of the final product. The outsourcing company send the raw material to build the product and pay for the job work done.

In this document we will show you steps to setup the subcontracting business flow for the contractors, get the raw material to and produce the semi-finished product delivery the product get paid for the job work done.

Let's take an example of Table, to produce the table we need 1 table top and table frame, 4 lags and some consumable like bracket and bolt, assumed that tabletop is laminated by third party contractor by us, we get the wood sheet and lamination sheet to prepare the laminated table top.



## Configuration

Install **Sales Management**, **Manufacturing** applications, the **Inventory Management** and **Invoicing** applications will be installed automatically.

## Setup Inventory

In order to setup the contractors workflow the multiple warehouse and some custom routes is required, lets enable them from the **Inventory** application. Go to **Inventory / Configuration / Settings** and activate the *Multi-Warehouses* and *Multi-Step Routes* the *Storage Locations* will be selected automatically.

Warehouse	
<input checked="" type="checkbox"/>	<b>Storage Locations</b> Track product location in your warehouse <a href="#">→ Locations</a>
<input checked="" type="checkbox"/>	<b>Multi-Warehouses</b> Manage several warehouses <a href="#">→ Warehouses</a>
<input checked="" type="checkbox"/>	<b>Multi-Step Routes</b> Use your own routes and putaway strategies <a href="#">→ Set Warehouse Routes</a> <a href="#">→ Set Putaway Strategies on Locations</a>

## Create Warehouse

In order to separate the internal and outsource manufacturing orders we need to setup the other warehouse, the default warehouse we will use as an internal and new warehouse we will setup as a **Factory** where we will process all the outsourcing orders.

		Routes	Active
Warehouse Name			
<b>Factory</b>			
Short Name	FT	Address	My Company
Warehouse Configuration			
Incoming Shipments	<input checked="" type="radio"/> Receive goods directly in stock (1 step) <input type="radio"/> Unload in input location then go to stock (2 steps) <input type="radio"/> Unload in input location, go through a quality control before being admitted in stock (3 steps)		
Outgoing Shippings	<input checked="" type="radio"/> Ship directly from stock (Ship only) <input type="radio"/> Bring goods to output location before shipping (Pick + Ship) <input type="radio"/> Make packages into a dedicated location, then bring them to the output location for shipping (Pick + Pack + Ship)		
Manufacture in this Warehouse	<input checked="" type="checkbox"/>		
Default Resupply Warehouse			
Resupply Warehouses	<input type="checkbox"/> My Company		

You should get the 8 inventory operations on the Inventory dashboard, 4 operations for each warehouse. i.e. *Receipts*, *Internal Transfer*, *Delivery Orders* and *Manufacturing*.

**Tip:** Make sure that you keep selected for *Manufacture in this Warehouse* field on the warehouse.

## Create Material Route

The contractor flow is same as the standard manufacturing process, where we create a manufacturing order and buy the material on demand through purchase process. In this process we have to ask customer who provide us the manufacturing job, the material we will get we do not have to pay for it as it does not come through purchase process.

We will create a new route *Material* which should be selected on the product, which is going to be supplied by the customer along with the contracting order.

Go to Inventory / Configuration / Routes, create a new route called *Material*

Active

Route Name

Material

Applicable On

Select the places where this route can be selected

Product Categories

☐

Warehouses

☐

Products

☒

Create a *Procurement Rules* that moves the material from *Vendor Location* to *Factory Stock* location, select *Factory: Receipts* on **Operation Type** as an incoming shipment should be created under that operation.

Open: Procurement Rules

×

Active

Name

Procure material

Action

Move From Another Location

Applied On

Procurement Location

FT/Stock

Creates

Source Location

Partner Locations/Vendors

Move Supply Method

Take From Stock

Operation Type

Factory: Receipts

Partner Address

Delay

0

days

SAVE & CLOSE

SAVE & NEW

DISCARD

## Products

Let's create the *Tabletop* product, it is *Stockable Product* product, select the *Manufacturing* and *Make to Order* routes. The manufacturing order for the tabletop will be created when we have a job order.

	0 On Hand	0 Forecasted	Product Moves	0 Reordering Rul...	0 Bill of Materials	0 Manufacturing	Active
--	-----------	--------------	---------------	---------------------	---------------------	-----------------	--------

Product Name

Tabletop

☒ Can be Sold  
☒ Can be Purchased

General Information

Sales

Inventory

Notes

Operations

Routes

☐ Material  
☒ Manufacture  
☒ Make To Order

Manufacturing Lead Time

5.00 days

Customer Lead Time

7.00 days

Logistics

Weight

0.00 kg

Volume

0.00 m<sup>3</sup>

Responsible

Administrator

The **Sales Price** on the *Tabletop* product is actually the cost of the production and not the cost Tabletop. When we sell the *Tabletop* we actually sell the job work to produce the *Tabletop*.

**Note:** Set the **Manufacturing Lead Time** to 5 and **Customer Lead Time** to 7. This will used to compute the schedule dates for the manufacturing order, delivery order.

Create a Wooden and Lamination sheet and select the *Material* and *Make to Order* routes on those products.

	0 On Hand	0 Forecasted	Product Moves	0 Reordering Rul...	0 Bill of Materials	0 Manufacturing	Active
--	-----------	--------------	---------------	---------------------	---------------------	-----------------	--------

Product Name

Wooden sheet

☐ Can be Sold  
☒ Can be Purchased

General Information

Inventory

Notes

Operations

Routes

☒ Material  
☐ Manufacture  
☒ Make To Order

Manufacturing Lead Time

0.00 days

Customer Lead Time

0.00 days

Logistics

Weight

0.00 kg

Volume

0.00 m<sup>3</sup>

Responsible

Administrator

## Bill of Material

Define the bill or material for *Tabletop*, that consume *Wooden sheet* and *Laminated sheet* as a raw material.

		Active	
Product	Tabletop	Reference	Tabletop 8X4 FT*
Quantity	1.00	BoM Type	<input checked="" type="radio"/> Manufacture this product <input type="radio"/> Kit
<div>Components Miscellaneous</div>			
Product		Product Quantity	
+ Wooden sheet		1.000	
+ Laminated sheet		1.000	
Add an item			

During the manufacturing, contractor cares about the cost of the service and resources such as electricity and manpower and machine. Set the cost of the material to 0 and add those cost as a consumable product on the bill of material. At the end of the manufacturing process you will get the exact cost of the job work.

## Reorder Rules

We don't need any reorder rules as all the material will be procured on demand from the customer.

## Sale Order

Let's assume that we receive the work order to prepare the 10 *Tabletop* form *China Export*.

S0001					
Customer		China Export	Expiration Date		
			Payment Terms		
Order Lines Other Information					
Product	Description	Ordered Qty	Unit Price	Taxes	Subtotal
Tabletop	Tabletop	10.000	1.00		\$ 10.00
Add an item					
Setup default terms and conditions in your sales settings ...					
				Untaxed Amount:	\$ 10.00
				Taxes:	\$ 0.00
				Total:	\$ 10.00

**Tip:** You will find two Delivery attached to the Sales order, one is the actual delivery order while second it the incoming shipment which ask for the material to supply form the customer to build the Tabletop.

The *Unit price* is the price for the job work to produce for each table. Make sure that you change the **Warehouse** to *Factory* as we process all the outsourcing work in that warehouse.

## S0001

Customer
China Export
Expiration Date
Payment Terms

Order Lines
Other Information

### Shipping Information

Warehouse
Factory
Shipping Policy
My Company
Factory

### Sales Information

Salesperson
Administrator
Sales Channel
Sales
Customer Reference

### Invoicing

Order Date
07/10/2018 23:12:11
Fiscal Position

Confirm the order, it creates the *Delivery Order* and *Manufacturing* order and *Receipts* in the Factory warehouse.

Inventory
Search...
1-8 / 8

<b>Receipts</b> My Company 0 TO RECEIVE	<b>Internal Transfers</b> My Company 0 TRANSFERS	<b>Delivery Orders</b> My Company 0 TO DO
<b>Manufacturing</b> My Company 0 TO DO	<b>Receipts</b> Factory 1 TO RECEIVE 3	<b>Internal Transfers</b> Factory 0 TRANSFERS
<b>Delivery Orders</b> Factory 0 TO DO 1 Waiting 1	<b>Manufacturing</b> Factory 1 TO DO 2 Waiting 1	



## Manufacturing Order

The sales order creates the delivery order, that triggers manufacturing order and that triggers reception order. The complete flow is triggered through Make to order route so you have *SO001* in **Source Document** on delivery, manufacturing and incoming shipment.

FT/IN/00001

Partner

China Export

Scheduled Date

07/12/2018 23:17:40

Source Location

Partner Locations/Vendors

Source Document

SO001

Operations

Additional Info

Product	Initial Demand	Done
Wooden sheet	10.000	0.000
Laminated sheet	10.000	0.000
<a href="#">Add an item</a>		

When you have a multiple orders from different customers, manufacturing orders will be ready to produce only for the customer who supply the material.

MO/00001

Product

Tabletop

Quantity To Produce

10.000

[Update](#)

Bill of Material

Tabletop 8X4 FT\*: Tabletop

Deadline Start

07/12/2018 23:17:40

Responsible

Administrator

Source

SO001

Consumed Materials

Finished Products

Miscellaneous

Product	To Consume	Reserved	Consumed
Wooden sheet	10.000	10.000	0.000
Laminated sheet	10.000	10.000	0.000

Let's process the incoming shipment at reception and process the manufacturing order. The delivery order will be ready when manufacturing order completed.

## Job work Invoice

You are ready to prepare the send the invoice for the job work once the delivery done. Create an invoice and send it to customer, this is the an invoice for the job work and not for the selling of the Tabletop.

Invoice Number:  
**INV/2018/0002**

Customer	China Export	Invoice Date	07/10/2018
Payment Terms		Due Date	07/10/2018
		Salesperson	Administrator
		Sales Channel	Sales

Invoice Lines		Other Info	
Product	Description	Quantity	Unit Price
Tabletop	Tabletop	10.000	20.00
Subtotal			\$ 200.00

Add an item

Untaxed Amount:	\$ 200.00
Tax:	\$ 0.00
<b>Total:</b>	<b>\$ 200.00</b>

**Tip:** You can set the Invoicing Policy on the Tabletop product that takes care for the invoicing process.

## Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

## HUMAN RESOURCE

### 11.1 Employee

#### 11.1.1 Show organizational chart on employee form

##### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

#### 11.1.2 Managing Employee Leaves

Planning and forecasting tasks and projects required the updated information for the resource availability. Leave management application helps to provide the updated information for employee unavailability. Leave management application in CPAbooks can be used independent or integrated with Project Forecasting application for the better planning of any long term project.

There are many business cases where tracking of employee leaves are necessary, let's see how CPAbooks Leaves application will answer all those business cases.

##### Business case

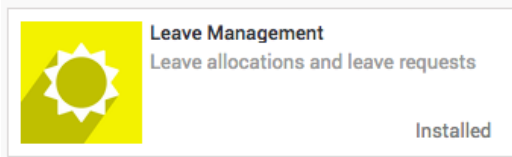
The types of leave and number of leave available for each leave types are as below in our business case.

- The leave cycle starts from January 2018
- Working schedule for all the employees are morning 8 am to 5 pm with 1 hour of lunch break
- Full time employees have 12 Legal leaves for the year 2018
- Part time employees have 12 half leaves for the year 2018
- All employees are eligible to get the 6 Sick Leaves during the year 2018, however employees can have more sick leaves if needed with medical certificates
- Employee can have the Compensatory Days off in some cases where employee have worked on off days

Let's configure all the above business cases in CPAbooks and get the updated leave information for all the employees.

## Configuration

Install the Leaves application from Apps menu on your instance, only an Administrator user can perform installation operation.



Make sure that you have a updated leave policy ready, let's take a business case and configure the number of leave available to each employees for each leave types.

## Working schedule

As per business case the working schedule for all the employees are morning 8 am to 5 pm with 1 hour of lunch break. To configure the working schedule please goto *Settings* → *Technical* → *Resources* → *Working Time*, create a one if the default working schedule does not meet your requirement.

Leaves
 Work Resources

### Standard 40 Hours/Week

Working Hours
Global Leaves

Name	Day of Week	Work from	Work to	Starting Date	End Date
Monday Morning	Monday	08:00	12:00		
Monday Evening	Monday	13:00	17:00		
Tuesday Morning	Tuesday	08:00	12:00		
Tuesday Evening	Tuesday	13:00	17:00		
Wednesday Morning	Wednesday	08:00	12:00		
Wednesday Evening	Wednesday	13:00	17:00		
Thursday Morning	Thursday	08:00	12:00		
Thursday Evening	Thursday	13:00	17:00		
Friday Morning	Friday	08:00	12:00		
Friday Evening	Friday	13:00	17:00		

[Add an item](#)

I have created the Standard 40 Hours/Week schedule, almost all the employees are working under this schedule. Leave the **Starting Date** and **End Date** empty if you would like to use this schedule throughout the year or until the changes required in working time.

## Default Working Schedule

This can be set as a default working schedule for every new employee created in the system, goto *Configurations* → *Settings* under the **Employees** application.

**Settings** Search...

**SAVE** **DISCARD**

**Employees** **Work Organization**

**General Settings**

**Company Working Hours**  
Set default calendar used to compute time allocation for leaves, timesheets, ...

Standard 40 Hours/Week

- Standard 40 Hours/Week
- Standard 35 Hours/Week
- Standard 38 Hours/Week
- [Create and Edit...](#)

☐ **Show Organizational Chart**  
Show organizational chart on employee form.

Warning: Changing the **Company Working Hours** will not change the working schedule for the existing employees, the new employees created after the change will have this working schedule as a default.

When you have a new employee joining in the company, the default company working hours will be applied to that employee, however it can be change if required for the specific employees at the time of creation or later.

**New Employee** Active

Name

e.g. Part Time

**Work Information** **Private Information** **HR Settings**

**Contact Information**

Work Address My Company

Work Location

Work Email

Work Mobile

Work Phone

Other Information ...

**Position**

Department

Job Position

Manager

Coach

Working Hours

Standard 40 Hours/Week

- Standard 40 Hours/Week
- Standard 35 Hours/Week
- Standard 38 Hours/Week
- [Create and Edit...](#)

Employees number of leaves also required to compute the salary statement for every month so that unpaid leaves can be deducted from the salary.

Tip: The working schedule can be change for specific employees directly on the employee configuration.

## Employee Tags

Create an associate employee with tags are an important feature that allows us to automate allocation of leave quickly, the leave can be allocated either by Employee or by Tags, immagin when you have thousand of employees and you have to assign different types of leaves. When you work by Employee it increase a lots of work for the HR office or manager.

Create and assign the tags to the employee carefully, as based on the tags leaves will be allocated. In our business case we will create a **Fulltime** and **Parttime** two different tags to differentiate the employees at the time of leave allocation.

The simplest way to create the tags is directly from the employee form, just type the tag name and choose option to create that tag with Odoo's quick create feature.

Click on Create “Fulltime” link to create and assign created tag to new employee being created.

Note: You can assign multiple tags to the employee that helps you to group the employees and search them quickly when needed.

You can verify the list of employees for the correct assignation of tags from the employee directory. Goto Employees and enter **Fulltime** and search for the Tags.

Make sure that you have verified the list of assigned employee on each tags, fix it before you proceed for the leave allocation.

## Leave Types

Default leave types are already given in the CPAbooks as a standard data, however you can create more if needed according to your business case.

The leave types can be access from *Configuration* menu under the Leaves application.

Leave Type	Allow to Override Limit
<input type="checkbox"/> Legal Leaves 2018	<input type="checkbox"/>
<input type="checkbox"/> Sick Leaves	<input checked="" type="checkbox"/>
<input type="checkbox"/> Compensatory Days	<input type="checkbox"/>
<input type="checkbox"/> Unpaid	<input checked="" type="checkbox"/>

You can create a new type or change the existing according to the business rules you need. You can change the below fields to adapt your business rules on leave type.

**Apply Double Validation:** Check this field when you want that the approval of the leave will be done by Department Manager and HR Manager.

**Allow to Override Limit:** The number of leave are always predefined, however you can allow to request for more leave than the defined/allocated, i.e. sick leaves can be requested more than assigned.

**Meeting Type:** Once a leave is validated, CPAbooks will create a meeting of this type on the correspondent calendar.

**Color in Report:** This color will be used to display the specific types of leave in with color in PDF report.

Description		Options	
Leave Type	Sick Leaves	Meeting Type	Employee Leaves
Apply Double Validation	<input type="checkbox"/>	Color in Report	Red
Allow to Override Limit	<input checked="" type="checkbox"/>		

As a business case **Sick Leaves** may extend. So, check **Allow to Override Limit** field on the view.

## Leave Allocation

Leaves can be allocated by HR Manager or Officer or Department Manager at anytime to employees. The yearly leave allocation will be done by HR Officer or Manager in the beginning of every year while Department Manager can allocate the Compensatory leaves. Let's create the yearly leave allocation.

To assign the leave go to *My Leaves* → *Allocation Request* under the **Leaves** application and click on **CREATE** button.

APPROVE		REFUSE		TO SUBMIT		TO APPROVE		APPROVED	
Description		Mode	By Employee						
Leave Type		Employee	Employee						
Duration	0.00 days	Department	Sales						
Add a reason...									

By default you can assign the leaves to selected employees, employees can also create the allocation request to ask for the compensatory leave, which will be reviewed and approved by Manager or HR Office later.

## Leave by Employee Tags

It is advisable to allocate all the yearly leaves to the employees by their tags, it will save lots of time to create many records, each for an individual employee.

Allocation Request / Allocation of Legal Leaves 2018 : 12.00 day(s) To Employee

SAVE DISCARD
1 / 1 < >

CONFIRM
TO SUBMIT TO APPROVE APPROVED

### Allocation of Legal Leaves 2018 : 12.00 day(s) To Employee

Description	12 legal leaves to all employees	Mode	By Employee Tag
Leave Type	Legal Leaves 2018	Employee Tag	Fulltime
Duration	12.00 days		

Add a reason...

Select the Leave Type and enter the Duration (duration is always in days). Change the Mode from By Employees to By Employee Tags and select the specific tag in Employee Tag field, it is group of employees to whom we are going to assign the 12 legal leaves.

By default the leave allocation will be in draft, it has to be requested for the approval, click on CONFIRM button to ask for the approval, HR Manager have the rights to approve the allocation request.

As soon as the allocation request approved, CPAbooks will create an individual leave allocation request for each employee who belongs to selected tag.

Allocation Request

CREATE

IMPORT

Search...

Filters

Group By

Favorites

1-3 / 3

<input type="checkbox"/> Employee	Allocation Mode	Employee Tag	Leave Type	Description	Allocated Days	Start Date	End Date	Status
<input type="checkbox"/> Employee	By Employee		Legal Leaves 2018	12 legal leaves to all employees	12.00			Approved
<input type="checkbox"/> Administrator	By Employee		Legal Leaves 2018	12 legal leaves to all employees	12.00			Approved
<input type="checkbox"/>	By Employee Tag	Fulltime	Legal Leaves 2018	12 legal leaves to all employees	12.00			Approved
					36.00			



## Compensatory Leaves

Employee can create a leave request manually, enter the appropriate **Description**, **Duration** and select the type *Compensatory Days* in the **Leave Type** field.

Allocation Request / Allocation of Compensatory Days : 1.00 day(s) To Employee

SAVE DISCARD

2 / 2 < >

RESET TO DRAFT

TO SUBMIT

TO APPROVE

APPROVED

### Allocation of Compensatory Days : 1.00 day(s) To Employee

Description Worked on weekend to fix problem 3rd February 2018  
 Leave Type Compensatory Days  
 Duration 1.00 days  
 Work for a full day at the client location to fix the problem on the server.

As an employee you have already applied, you have to wait for the approval for your department manager or hr manager.

## Leave Summary

As soon as the yearly leave allocated, it is advisable for all the employees to check their leave summary for the allocated leaves. Leave summary for an individual employees can be checked from Leaves application, the first screen will be leave summary.

Leaves Summary

Current Year x My Requests x Type x Search...



CREATE IMPORT

Filters Group By Favorites

<input type="checkbox"/>	Employee	Request Type	Description	Number of Days	Start Date	End Date	Leave Type	Status
▼	Legal Leaves 2018 (1)			12.00				
<input type="checkbox"/>	Employee	Allocation Request	12 legal leaves to all employees	12.00			Legal Leaves 2018	Approved
▼	Sick Leaves (1)			6.00				
<input type="checkbox"/>	Employee	Allocation Request	6 Sick Leaves	6.00			Sick Leaves	Approved
▼	Compensatory Days (1)			1.00				
<input type="checkbox"/>	Employee	Allocation Request	Worked on weekend to fix problem 3rd February 2018	1.00			Compensatory Days	To Approve
				19.00				

Employee can see their leaves it can be allocated or requested, whether their status approved or rejected. The actual leaves available to the employees will be displayed on the employees form.

13  
Leaves Left

Active

Employee

Fulltime

## 11.2 Employee Expense

### 11.2.1 Manage advance payment, employee expenses and reconciliation

#### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

## WEBSITE AND ECOMMERCE

### 12.1 Website

#### 12.1.1 How to generate leads or opportunities through website contact us page?

##### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 12.2 Products

#### 12.2.1 How to configure product variants that looks perfect on eCommerce page?

##### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

#### 12.2.2 Ordering products, variant attribute and values on the products page

##### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### 12.3 Delivery Cost

#### 12.3.1 Allow your customer to choose Normal or Express delivery at checkout

##### Video

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### **12.3.2 Show delivery methods depending on the customer address**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

## **12.4 Sales and Payment**

### **12.4.1 Sell subscription through eCommerce platform, receive payment through card (auto-debit)**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

### **12.4.2 Selling subscription plans over an eCommerce platform**

#### **Video**

Access the video at <https://www.youtube.com/watch?v=vq60OruLojk>

## INDEX

### A

About Author, 1  
About Online Book, 1  
About Reviewer, 1  
Account Initial Setup, 96  
Accounting, 89  
Accounts Payable, 110  
Acquire leads, 28  
Activate instance, 8  
Advance payment to Employee, 110, 172  
Aged Payable, 110  
Amendment products on delivery order, 118  
Analytic Accounting, 110  
Android, 10  
Apple, 10  
Apply default tax, 98  
Apply tax based on local or export sales, 105  
Assign leads based on scoring, 43  
Auto debit payment (*Card*), 89  
Automatic leads assignation, 22  
Automatic Stock Valuation, 114  
Automation Payment and Reconciliation (*Web Order*), 174  
Average Costing & Manual Inventory Valuation, 113  
Average Costing and Manual Valuation, 124  
Awesome Timesheet, 140

### B

Bank and Cash Reconciliation, 107  
Bank Reconciliation, 107  
Bank Reconciliation Process, 107  
Bank Statement, 107  
Barcode Alias, 136  
Batch Deposit, 108  
Bill of Material Stock, 117, 118  
Blanket Order, 128  
Bulk Purchase, 128  
Bulk Salary Payment, 108  
Bulk Salary Posting, 108  
Bundle Offer, 50  
Business to Business, Tax Excluded, 101

Business to Customer (*tax included*), 101  
Business to Customer Prices (*Tax included*), 70  
Business to Customer, Tax Included, 101  
Buy-back Discount, 85  
Buy-back of used product, 85  
By Products, 141

### C

Cancel Invoice, 106  
Cancel Purchase order, 128  
Cash Discount, 94  
Cash Expense, 109  
Cash Withdrawal, 108  
Change Supplier During Drop-shipping, 128  
Check Bounce Charges, 107, 108  
Check Clearance Status, 95  
Check Printing, 109  
Choose normal or express delivery, 173  
Chrome timesheet plugin, 140  
Component Stock, 141  
Compute cost of product using standard method, 119  
Compute discount, 66  
Compute discount from pricelist, 66  
Compute Due Date, 95  
Compute margin when costing is average, 121  
Compute the average cost of product, 120  
Compute the cost of product using fifo method, 120  
Consignment stock transfer, 85  
Contact us page, 173  
Container Management, 132  
Container Refilling, 132  
Containers on Rent, 132  
Contractor, 157  
Convert leads into opportunities, 28  
Cost of goods sold for kit product, 114, 125  
Cost of goods sold for kit product (*Community 10.0*), 125  
Cost of goods sold for kit product (*Real price*), 114  
CPAbooks 14 Best Practices, 1

CPAbooks Demo, 15  
CPAbooks Runbot, 15  
Create Automatic Invoice (*Web Order*), 174  
Create credit note from sales order, 72  
Create Instance, 8  
Create Invoice from Timesheet, 88  
Create leads from Contact us page, 173  
Create New Tax, 97  
Create Project from Sale Order, 139  
Create quotation, 47  
Create recurring invoice, 89  
Create RFQ, 127  
Create Task from Sale Order, 139  
Create Task from Sales Order, 88  
Create User, 11  
Credit Limit Alert, 95  
Credit Note, 106  
Credit Sale on Point of Sale, 137  
Currency separator for Indian Localisation, 116  
Customer Feedback on Task, 139  
Customer Followups, 95  
Customer Invoice, 94  
Customer invoice on point of sale, 133  
Customer Ledger through Point of Sale, 133  
Customer Portal, 72, 140  
Customer Relationship Management (*CRM*), 16  
Customer Statement, 95

## D

Date format for Indian Localisation, 116  
Day report for Point of sale session, 135  
Debug assets, 13  
Debug mode, 13  
Decide runtime how to procure semi-finish material, 143  
Dedicate Credit Note or Debit Note Sequence, 106  
Default Stage on Project, 139  
Default tax on product, 48  
Default tax on quotation, 48  
Delivery Address, 118  
Delivery charges, 79  
Delivery charges based on zip code, state or country, 84  
Delivery methods available, 173  
Discount on Point of Sale, 134  
Discount on quotation, 55  
Dropshipping in Delivery, 127  
Due date on customer invoice, 94  
Duplicate instance, 10

## E

Employee Expense, 110, 172

## F

Fabien Pinckaers, 7  
FIFO Costing & Manual Inventory Valuation, 112  
FIFO Costing and Manual Valuation, 123  
Foreign Exchange Gain/Loss, 109  
Free delivery, 79  
Free delivery based on order amount, 79  
Free trial, 8

## G

Generate leads from emails, 30  
Generate leads from website, 32  
Goods and Service Tax included in price, 114

## H

Helpdesk Ticket, 140

## I

Import OFX Statement, 107  
Import Opening Stock, 117  
Incoming Shipment, 119  
Increase quantity (prorate base) in subscription, 89  
Indian Localization, 114  
Installments Plan, 95  
Inventory, 84, 116  
Inventory Costing Methods, 119  
Inventory Valuation, 111, 122  
Invoice Address, 118  
Invoice based on delivered quantity (*no inventory app*), 71  
Invoice based on reception, 128  
Invoice project milestone, 85  
Invoicing, 71, 94  
iOS, 10  
Issue Material for Production, 141  
Issue Material to Factory, 141

## J

Job-work, 157

## L

LED Lights Box (*Business Case*), 70  
Loyalty program, 134

## M

Manage Indents, 118  
Manage lost opportunities, 19  
Manage Users, 11  
Manufacturer Barcode, 136  
Manufacturing, 140  
Margin on the delivery charges, 84

Marketing Activity, 35  
 Measure the leads score, 40  
 Meat Carton (*Business Case*), 70  
 Merge Vendor Bills, 110  
 Minimum Stock Rules, 117  
 Mobile, 10  
 Multi Currency, 108  
 Multi-Currency Invoice, 108  
 Multi-Currency Invoice and Payment, 108  
 Multiple Barcode for single Product, 136  
 Multiple Sales Team, 24  
 Multiple tax included in Product Price, 114

## N

New Project on Payment Confirmation, 139

## O

Odoo, 7  
 Offers on point of sale, 133  
 Online, 7  
 Online customer approval and payment on quotation, 75  
 Online customer approval on quotation, 72  
 Online Instance, 8  
 OpenERP, 7  
 Opening Balance, 96  
 Organizational chart, 165  
 Organize the pipeline, 17

## P

Packaged Offer, 50  
 Parcels or Boxes, 117  
 Partial Incoming Shipment, 119  
 Partial Payment, 95  
 Partial payment while paying to multiple vendor bills, 109  
 Partial Receipt from Subcontractor, 142  
 Pay Multiple Vendor Bills, 109  
 Payment, 94  
 Payment Allocation, 107  
 Payment and Followups, 95  
 Payment Matching, 94  
 Payment Terms, 95  
 Plan Activity, 17  
 Point of Sale, 132  
 Pricelist and Discount, 55  
 Pricelist on point of sale, 133  
 Print Customer Ledger, 96  
 Pro-Forma Invoice, 71  
 Procure material from subcontract or manufacture or purchase, 143  
 Product & Stock, 117  
 Product and Tax, 70  
 Product Package, 117

Product Packaging, 69  
 Product price based on country (€ or \$), 60  
 Product price based on customer type (*Retailer or Distributor*), 57  
 Product Variants, 173  
 Product Variant on Website, 173  
 Production instance, 10  
 Profitability based on service and material, 110  
 Profitability for service projects, 110  
 Profitability for trading company, 110  
 Profitability when bulk purchase and retail sales, 111  
 Project & Task in Customer Portal, 140  
 Project Profitability, 139  
 Purchase Agreement, 128  
 Purchase from multiple vendors, 128  
 Purchase on demand, 127  
 Purchase Process, 109  
 Purchase Tender, 128  
 Putaway Strategy, 119

## Q

Quotation Template, 50  
 Quotation Templates, 50

## R

Reactive the lost leads, 44  
 Receive and register advance payment, 96  
 Reconcile Customer Invoice with Vendor Bills, 96  
 Record Payments, 95  
 Record time spent on task, 140  
 Recurring Invoice, 89  
 Refund, 106  
 Refund Invoice, 106  
 Reject Invoice, 106  
 Reorder Rules, 117  
 Request for material, 118  
 Reserver Stock for Customer, 118  
 Reset invoice numbering based on the date range, 94  
 Resource bundle, 13  
 Return Cash on Point of Sale, 137  
 Rounding on Point of Sale, 133

## S

Sales and Invoicing, 46  
 Sales order that create the Purchase order, 127  
 Sales Quotation, 47  
 Sales Return (*Customer Invoice*), 137  
 Sales Return on Point of Sale, 134, 137  
 Sales that create purchase order, 84

Scan product price through barcode, [136](#)  
Scan product weight through barcode, [135](#)  
Sections on sales orders, [50](#)  
Select Customer on Point of Sale, [133](#)  
Sell from other than stock location, [84](#)  
Sell Subscription contracts through  
    eCommerce, [89](#)  
Sell subscription through Sales Quotation, [89](#)  
Selling Subscription (*Web Order*), [174](#)  
Send quotation by email, [47](#)  
Service Contract, [140](#)  
Service Product, [85](#)  
Service Ticket, [140](#)  
Session Summary Report, [135](#)  
Set default terms and condition, [48](#)  
Setup Accounting App, [96](#)  
Setup Sales Application, [47](#)  
Shipping Address, [118](#)  
Shipping rate based on weight, [81](#)  
Single invoice form multiple sale orders, [72](#)  
Split Payment, [107](#)  
Standard Costing & Manual Inventory  
    Valuation, [111](#)  
Standard Costing and Manual Valuation, [122](#)  
Stock of Liquid Products (*unit vs ml*), [141](#)  
Stock Reservation, [118](#)  
Stock Valuation, [114](#), [125](#)  
Sub-Contractor, [157](#)  
Subcontracting (*Buy and Deliver Material*), [142](#)  
Subcontracting (*Dropship Material*), [144](#)  
Subscriptions, [89](#)  
Suggested product on quotation, [53](#)  
Supported Browser, [8](#)  
System settings, [13](#)

## T

Tablate, [10](#)  
Tax Deduction at Source, [115](#)  
Tax excluded from price, [71](#)  
Tax Included in Price, [70](#)  
Tax included in price, [71](#)  
Taxes and Duties, [97](#)  
TDS Certificate Receivable, [114](#)  
TDS Payable, [115](#)  
Technical settings, [13](#)  
Test instance, [10](#)  
Timesheet, [140](#)  
Timesheet in Customer Portal, [140](#)  
TinyERP, [7](#)  
Track Activity, [17](#)  
Transfer to Cold Storage, [119](#)  
Two level of approval for Purchase order, [127](#)

## U

UAT instance, [10](#)  
Unit of Measure, [69](#)

## V

Vendor Bills and Payment, [109](#)  
Vendor Pricelist, [128](#)  
Vendor Product Code, [128](#)  
Vendor Product Name, [128](#)

## W

Wallet on Point of Sale, [137](#)  
Which marketing campaign creates more  
    opportunities, [36](#)  
Which marketing platform bring more  
    visitors, [35](#)  
Withholding Taxes, [100](#)  
Write-off on Point of Sale, [133](#)

## Z

Z-Report, [135](#)