

FRONT ACCOUNTING

Test Plan Document

1) Test Plan Identifier:-

- Front Accounting_1.0 MTP_1.0

2) Introduction:-

- Front Accounting software is a web-based accounting system for Enterprise Resource Planning (ERP). ERP software typically integrates all aspects of an operation including product planning, development, manufacturing, sales and marketing in a single database application and user interface.
- This software developed in PHP / Ajax using MySQL database management system.
- Front Accounting is developed by an international team, Senior developer Joe Hunt from Sweden and Janusz Dobrowolski from Poland.
- Front Accounting is a multi-locational, multi-user, multi-lingual, multi-currency web-based accounting system.
- Front_Accounting is provided with below standard Modules:
 - a) Sales
 - b) Purchases
 - c) Items and Inventory
 - d) Manufacturing
 - e) Fixed Assets
 - f) Dimension
 - g) Banking and General Ledger
 - h) Setup

3) Reference:-

- Google

4) Test Item:-

A) Login Module_:

- We are going to test the login module with different input data.

B) Sales Module :

- We are going to test the process, which occurs between the seller and customer at time of selling product.
- This process contains following steps:
 - Prepare sales quotations with enquiry and creating of sales orders
 - Prepare Sales Orders and Goods Delivery Notes
 - Prepare Customer Invoices
 - Entry customer payments

C) **Purchase Module:**

- We are going to test the process, which occurs between the buyer and supplier at time of purchasing product.
- This process contains following steps :
 - Make Purchase Orders
 - Prepare Goods Received Notes
 - Make Supplier Invoices
 - Make Supplier Payments and Allocations.

D) **Items And Inventory**

Module :

- We are going to test the different flows of this module such as:
 - Record stock Items.
 - Define Item Categories and Item Locations.
 - Record location transfers and other adjustments.

5) Features to be tested:-

A) **Login Module:** We are going to test the functionality of login module with different valid and invalid input data.

- Username field
- Password field
- Login Button
- Cancel Button
- Forgot your password function

B) **Sales Module:** Following Functionality will be tested of this module.

- **Transactions:**
 - Sales Quotation Entry:

- a) Place Quotation
- b) Cancel Quotation

➤ Sales Order Entry:

- a) Place Order
- b) Cancel Order

➤ Direct Delivery :

- a) Update
- b) Clear Quantity
- c) Process Dispatch

➤ Direct Invoice:

- a) Update
- b) Process Invoice

➤ Delivery Against Sales Order:

- a) Search

➤ Invoice Against Sales Deliver:

- a) Search

➤ Customer Payment:

- a) Add Payment.

● **Enquiries and Reports :**

➤ Sales Quotation Enquiry:

- a) Search

➤ Sales Order Enquiry:

- a) Search

➤ Customer Transaction Enquiry:

- a) Search

➤ Customer And Seals Report :

- a) Search

C) Purchase Module: Following
Functionality will be tested of
this module.

- **Transactions:**

- Purchase Order Entry:
 - a) Place Order
 - b) Cancel Order
- Outstanding Purchase Orders Maintenance :
 - a) Search
- Direct GRN :
 - a) Process GRN
 - b) Cancel GRN
- Direct Supplier Invoice:
 - a) Process invoice
 - b) Cancel Invoice
- Payments to Suppliers:
 - a) Enter Payment
- Supplier Invoices :
 - a) Enter Invoices

- **Enquiries and Reports:**

- PurchaseOrder Enquiry:
 - a) Search
- Supplier Transaction Enquiry:
 - a) Search
- Supplier and Purchasing Report:
 - a) Search

D) Items & Inventory Module :

Following Functionality will be tested of this module.

- **Transactions:**

- Inventory Location Transfers:
 - a) Process Transfer

- **Enquiries and Reports:**

- Inventory Item Movements :

a) Show Movements

➤ Inventory Item Status :

a) Search

➤ Inventory Reports :

a) Search

6) Features not to be tested:-

A) Login Module :

B) Sales Module :

- **Transaction :**

- a) Invoice Prepaid Order
- b) Customer Credit Note
- c) Allocate Customer payment and Credit note
- d) Template Delivery
- e) Template Invoice

- f) Enquiries and Reports
- g) Customer Allocation Enquiries

- **Enquiries and Reports :**

- a) Customer Allocation Inquiries.
- b) Customer and Sales Report.

- **Maintenance :**

- a) Add and Manage Customer.
- b) Customer Branches.
- c) Sales Groups.
- Recurrent Invoices :
 - I. Sales Types
 - II. Sales Person
 - III. Sales Area
 - IV. Credit status setup.

C) Purchase Module :

- **Transaction :**

- a) Supplier Credit Notes

b) Allocate Supplier Payments or Credit Notes.

- **Enquiries and Reports :**

- a) Supplier Allocation Inquiries.

- **Maintenance :**

- a) Suppliers.

D) Items and Inventory

Module :

- **Transaction :**

- a) Inventory Adjustment

- **Maintenance :**

- a) Items
- b) Foreign Item Code
- c) Sales Kits
- d) Item Categories
- e) Inventory Location
- f) Unit Of Measures
- g) Reorder Levels.

- **Pricing And Cost :**

- a) Sales Pricing
- b) Purchase Pricing
- c) Standard Cost.

7) Test Approach:-

- The test approach we are using here is Manual Testing.
- Black Box method is used to testing software.
- Here we will conducted all functional testing.
- Some Non-functional testing we will perform on software such as :
 - a) Usability testing would be conducted.
 - b) Localization testing would be conducted.
 - c) UI testing would be conducted.
- All levels of testing we will perform here are :
 - a) Unit Testing
 - b) Integration Testing
 - c) System Testing

d) User Acceptance Testing.

8) Test Environment :-

- Software Resources which we need to run the project build are:
 - a) Ubuntu Linux OS
version 14.4
 - b) Front Accounting
version 2.3
 - c) Firefox Browser
 - d) Google Chrome
 - e) Mozilla Browser
- Hardware Resources which we requires to run the project build are:
 - a) Hard disk- 1TB,
 - b) RAM- 4GB
 - c) Internet Connection
with 72 Kbps Modem
 - d) Processor- intel core i7.
- Here we require IIS web server and MySQL Database.

9) Test Deliverable:-

- We will develops following documents, when we test the software:-
 1. Test Plan Document
 2. Test Scenario
Document
 3. Test Case Document
 4. Defect Report
Document.

10) Item Pass /Fail criteria :-

- The Condition for item pass/ fail Criteria is following such as
 1. All test cases should be executed (i.e., 100% Test Coverage) and required quality should be achieved.
 2. 90% test case must
be passed.
 3. 10% test case should be

with low severity and low priority.

11) Suspend / Resume Criteria:

- Testing activities will be Suspend when:-
 1. Internet Connection
Lost.
 2. Electricity Issues
 3. System Crashed.
- Testing activities will be Resume when:-
 1. Internet Connection
Problem Sortout.
 2. Electricity Issues
Resolved.
 3. System Started
Working.

12) Staffing and Training:-

- We provide trainings to staff which is required are :
 1. Accounting Knowledge
 2. Bugzilla and Tarantula
tools
 3. JavaScript
 4. ASP.NET
 5. C#
 6. MySQL
 7. HTML
 8. CSS

13) Schedule:-

- The duration and activities are as follows:

Sr.	Task and	Duration	Data Range
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No	Responsibility	(In Days)	
1	Project Familiarization	2	09/10/18 – 10/10/18
2	Test Plan Document Writing	1	11/10/18
3	Test Scenario Document Writing	2	15/10/18-16/10/18
4	Test Case Document Writing	3	17/10/18-23/10/18
5	Execution & Defect Report Writing	3	24/10/18-29/10/18
6	Presentation	1	30/10/18

14) Roles and Responsibility:-

- The in charge of all activities:

Sr.No	Name of Person	Designation	Responsibilities
1.	Miss. Priyanka	Test Lead	Test Analysis
2.	Mrs. Suvarna	Test Lead	Test Planning
3.	Mr.Vishal	Sr.Tester	<ul style="list-style-type: none"> ➤ Test Designing(for test scenario Document) ➤ Test Designing(For Test Case Document)
4.	Mr. Kartik	Jr. Tester	Test Execution
5.	Mrs. Shreya	Sr.Tester	Evaluating Exit Criteria

6.	Miss. Saumya	Sr. Tester	Test Closure activity
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15) Software risk issues:-

1. Hard to Use
2. Performance is very Low
(i.e., Slow to response).
3. Incomplete delivery of
third party component.
4. Government Policy
Change.

16) Risk and Contingencies:-

- **Risk:-**

1. Less Time allocated for
Testing.
2. Tester left the Company.
3. System Crashed.
4. Database connection
not ready at the time of
testing.

- **Contingencies:-**

1. Extend the time for the
testing procedure.
2. Hiring the new testers
for testing.
3. Call the technical
department for system
recovery.
4. Resolve Database
Connection.

17) Approval:-

- Taking approval from higher authority for test plan document:

Date	Name	Designation	Sign	Remark
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1/11/18	Mr. Sreejith	Test Manager		
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