Test plan document for front accounting

1. **Test plan ID (identifier): Front accounting 2.4.8 MTP 2289**
2. **Reference:** We are referring following documents for testing front accounting

* SRS doc
* Project plan document
* Development plan document
* Functional requirement Specification Document

1. **Introduction:**

Front accounting (FA) is a professional web-based accounting system for enterprise resource planning. It is targeted towards small and medium sized enterprises. It is integrated with modules that support most common business processes. Front accounting is integrated with modules that support most common business processes. Its functionality is appropriate for small and medium companies for managing purchases, controlling stock, issuing offers, registering orders, and sending invoices.

Sales Modules: Some Basic features of sales and Account Receivables:

* Open customer Accounts and Customers Branches.
* Make sales Areas, Sales Types, Sales Groups
* Prepare Sales Quotations(Set up Quotation)
* Prepare Sales Order(Convert Quotation to a sales Order)
* Make Delivery against Sales Orders(Dispatch The goods)
* Prepare and Print Customer Invoices
* Receive Customer Payments(Entry For Customer Payment Receive)

Purchase Module:Some basic Features of purchase and Account payable:

* Open supplier Accounts
* Make Purchase Orders, Goods Received Notes and Payments Terms
* Entry of Supplier price lists (Purchase Prices)
* Entering Suppliers Invoices
* Supplier Payments

Items and Inventory Module: Some basic features of items/ Inventory

* Create different items, define their standard price, purchase price (i.e supplier price) & our selling price.
* Make location transfers of items
* Define item categories and item locations
* View the inventory item movements
* Setting sales price for each item in different currencies
* Setting our purchasing price from different suppliers for each item

1. **Test Items:**
2. login form
3. Sales
4. Purchase
5. Items and Inventory

1. **Features to be Tested:**
2. Module name- Sales

Features-

* 1. Sales Quotation Entry
  2. Sales Order Entry
  3. Direct Delivery
  4. Direct Invoice
  5. Customer Payments

1. Module name- Purchase

Features-

1. Payments to Suppliers
2. Supplier Invoices
3. Direct GRN
4. Direct Supplier Invoice
5. Module name- Items and Inventory

Features:

1. Inventory location transfers
2. Inventory Items Movements
3. Inventory Items Status
4. **Features not to be Tested:**
5. Module Name- Sales

Features-

1. Deliver Against Sales Orders
2. Invoice Against Sales Delivery
3. Invoice Prepared Orders
4. Template Delivery
5. Template Invoice
6. Create and Print Recurrent Invoices
7. Customer Credit Note
8. Allocate Customer Payments or Credit Notes
9. Module name- Purchase

Features-

1. Purchase to Suppliers
2. Supplier Invoices
3. Supplier Credit notes
4. Allocate Supplier payments or credit notes
5. Module name- Items and Inventory

Features:

1. Inventory Adjustments

**7. Test Approach:**

1. Testing Method: Black Box Testing
2. Level of Testing:
3. Unit Testing
4. Integration Testing
5. System Testing
6. User Acceptance Testing

* Alpha Testing
* Beta Testing

1. Types of Testing
2. Performance Testing
3. Retesting
4. Regression Testing
5. Sanity Testing
6. Security
7. Configuration Testing
8. Compatibility Testing
9. Usability Testing
10. Recover Testing
11. Use Interface Testing
12. Approach of Testing: Manual Testing
13. **Test Environment:**
14. Software Required front Accounting
15. Windows XP, Windows 10, Linux
16. Google Chrome 85, Google Chrome 84, Mozilla Firefox 78
17. Servers required for front Accounting
18. Apache Web Server
19. Internet Information Services
20. Hardware Requirements:
21. RAM-2GB
22. Hard Disk-1TB
23. Processor- i5, i7
24. **Test Deliverables:**
25. Test Plan Document
26. Test Scenario Document
27. Test Case Document
28. Defect Report
29. Execution log
30. **Schedule:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. no** | **Name of Activity** | **Duration** | **Date Range** |
|  | Test Analysis | 2 | 1-Oct-2020 To 2-Oct-2020 |
|  | Test Planning | 2 | 3-Oct-2020 To 4-Oct-2020 |
|  | Test Designing | 3 | 5-Oct-2020 To 6-Oct-2020 |
|  | Test Implementation | 5 | 7-Oct-2020 To 11-Oct-2020 |
|  | Test Execution | 20 | 12-Oct-2020 To 1-Nov-2020 |
|  | Evaluating Exit Criteria and Test summary Report | 1 | 2-Nov-2020 |
|  | Test Closure Activity | 1 | 3-Nov-2020 |

1. **Roles and Responsibilities:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No** | **Name of Person** | **Designation** | **Responsibilities** |
|  | Mr. Karan | Test Manager | Test Analysis |
|  | Miss Archana  Ms. Kanchan  Mr. Ketan | Test Lead | Test Planning |
|  | Mr. Vijay  Ms. Pooja  Ms. Ekta | Sr. Tester | Test Designing |
|  | Ms. Mamta  Mr. Arjun  Mr. Siddharth | Sr. Tester | Test Implementation |
|  | Mr. Ganesh  Ms. Priya  Ms. Rakhi  Mr. Arjun | Jr. Tester | Test execution |
|  | Mr. Rahul | Sr. Tester | Evaluating Exit Criteria and Test Summary Report |
|  | Mr. Prakash | Sr. Tester | Test Closure |

1. **Item Pass/ fail Criteria:**

Entry Criteria (Preconditions)

1. Preconditions must be true
2. Build must be available
3. Environment
4. Test Case Document must be completed and ready

Exit Criteria

1. All test cases should be executed
2. 90% test cases should be passed
3. 100%
4. **Staffing and Training:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No** | **Name of Employee** | **Training** | **By** |
|  | Mr. Vijay | Test Training | Mr. Ashok |
|  | Ms. Pooja | On Execution | Mr. Ashok |
|  | Ms. Ganesh | On Execution | Mr. Ashok |
|  | Ms. Anita | On Documentation | Mr. Vinay |

1. **Suspend / Resume Criteria:**

Suspend Criteria:

1. Show stoper defect
2. System Crash
3. Electricity issues

Resume Criteria:

1. Stopper Defects are removed
2. System repair and working condition
3. Electricity issues resolve
4. **Software Risk Issues:**
5. Delivery of incomplete or faulty software
6. Software is hard to use and performance is very low
7. Incomplete environment setup in testing area
8. Govt. policy change
9. **Risk and Contingencies:**
10. **Risk:**
11. Delay in receiving the build
12. Delay in training
13. Delay in environment Setup
14. Less time allocated for testing
15. Tester left the company
16. System crashed
17. **Contingencies:**
18. Monitoring daily
19. Provide Leadership training to manager
20. Calling the Technical dept. for recovery
21. Hire a new tester for testing
22. **Approval:**

Project Manager- Sameer Sharma

Date-

Sign-