**Test Plan**

**1. Test Plan Identifier:** -

* company name:- FrontAccounting version 2.4.15
* document name:-software testing project.
* document created in 2024.

**2. Introduction:**-FrontAccounting is a multi-locational, multi-user, multi-lingual, multi-currency web-based accounting system for the entire Enterprise Resource Planning (ERP) chain for small to medium-sized enterprises that is fully Open Source sporting a plethora of plugin extensions, themes, Charts of Accounts and Language UIs.

**3. References:-**

* Requirement document
* FA wiki

**4. Test Items:**

**a)Login:-**In login module there should be username and password for logged in. after entering the username and password user needs to select the branch.

**b)Sales:-** In sales module user sale the product to companies,create quotation and make delivery.if user use sales order module then it creates a entry in those module then user should get option as place order of the product and lastly he can create the invoice of product.

**c)Purchases:-**In purchase module user can purchase products for their godown.firstly Purchase Order Entry is used to register all purchase orders in the system. They're not being booked to accounts.then next module is receive items that receive items from supplier.Search for Items Received but not yet Invoiced.

**d)Inventory and Items:-**it shows user about the items and inventory.firstly user can transfer items from one godown from another,then inventory adjustments that makes Positive or Negative Adjustments of Items and lastly item status that shows the Current and Future Item Status.

**5. Features to be Tested:**

**a)Sales:-**

* Sales Quotation Entry.
* Sales Order Entry.
* Make Delivery Against This Order.
* Invoice This Delivery.

**b)Purchases:-**

* Purchase Order Entry.
* Receive Items on this Purchase Order.
* Supplier Invoices.

**c)Items And Inventory:-**

* Inventory Location Transfer.
* Inventory Adjustments.
* Inventory Item Status.

**6. Features Not to Be Tested:**

**a)Sales:-**

* **Transactions**
* Direct delivery
* Direct invoice
* Delivery Against Sales Orders
* Invoice Against Sales Delivery
* Invoice Prepaid Orders
* Template Delivery
* Template Invoice
* Create and Print Recurrent Invoices
* Customer Payments
* **Inquiries and Reports**
* **Maintenance**

**b)Purchases:-**

* **Transactions:-**
* Outstanding Purchase Order Maintenance.
* Direct GRN
* Direct Supplier Invoice.
* Payments to Suppliers.
* Supplier Credit Notes.
* **Inquiries and Reports**
* **Maintenance**

**c)Items And Inventory:**-

* **Inquiries and Reports**
* Inventory items movements
* Inventory Reports
* **Maintenance**
* **Pricing and Costs**

**7. Test Approaches:**

1. Method of testing:-

* Black box testing
* Smoke Testing

1. Levels of Testing:-

* integration testing
* Unit integration testing
* Regression testing

1. Types of testing:-

* Functional testing
* Compatibility testing

**8. Test deliverables:**

Test Plan (this document itself)

* Test plan
* Test scenario
* Test case
* Test execution
* Defect Report

**9. Test Environment:**

|  |  |
| --- | --- |
| Hardware:- | Description |
| RAM | 8GB |
| Processor | Ryzen 5 |
| Operating System | Windows,Linux |
| Browsers | Google,Firefox |

|  |  |
| --- | --- |
| Software | Description |
| PDF Reader | Adobe pdf reader |

**10. Schedule:**

|  |  |  |
| --- | --- | --- |
| Tasks | Days | Date Range |
| Test Plan Writing | 1 | 06/08/2024 |
| Test Scenario Writing | 8 | 07/08/2024-14/08/2024 |
| Test Case Writing | 6 | 14/08/2024-19/08/2024 |
| Test Case Execution | 3 | 20/08/2024-22/08/2024 |
| Defect Reporting | 1 | 22/08/2024 |

**11. Roles and responsibility:**

* All Documents are written by Sarjerao Sanjay Patil such as “Test Plan writing”,”Test Scenario writing”,”Test Case writing”,”Test Case Execution”,”Defect Reporting”.

**12. Staffing and Training Needs**:

* Product and Domain knowledge.

**13. Software risk issues:**

* Non availability of automation tools.
* Non availability of training on the product to the testers.

**14. Risk and contingencies**:

* Delay in receiving the build from development team.
* Scheduling.
* Financial.

**15. Suspend and Resume Criteria:**

|  |  |
| --- | --- |
| Suspend Criteria | Resume Criteria |
| 1.System has crashed. | System is fixed and can be resumed. |
| 2.Power Outages. | Power issue is resolved. |

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

|  |
| --- |
| Item Pass /Fail Criteria |
| 1.All the Test Cases should be executed. |
| 2.Code for all failed testcases should be fixed / retested and closed. |
| 3.Required quality of product should be achieved. |

**17. Approvals:**