TEST PLAN

FRONT ACCOUNTING

**1. TEST PLAN IDENTIFIER:-**

FRONT ACCOUNTING VERSION -2.4.15

**2. REFERENCE:-**

Front Accounting User Guide Manual.pdf

**3. INTRODUCTION:-**

**FrontAccounting (FA)** is an open-source accounting system tailored for small and medium-sized enterprises. It offers comprehensive features for financial accounting, inventory management, sales, and purchasing. FA supports multi-currency and multi-language environments, making it suitable for global use. Its web-based interface allows for remote access and multi-location operations. With a strong community and extensive documentation, FrontAccounting is a customizable and scalable solution for growing businesses.

**4. Test ITEM:-**

1. **aLogin**:-In the login page the users have to login using valid username and password. Multiple users can login into system.
2. **Sales:-** The sales module in FrontAccounting (FA) encompasses the entire sales process, from customer management to order fulfillment. It includes features for creating and managing sales quotations, orders, and invoices. Users can track customer payments, handle recurring invoices, and generate sales reports. The module supports multiple currencies and integrates seamlessly with inventory management, ensuring accurate stock levels and streamlined operations. This helps businesses efficiently manage their sales activities and improve customer satisfaction.
3. **Purchase:-** The purchase module in FrontAccounting (FA) streamlines the procurement process by managing supplier information, purchase orders, and supplier invoices. It allows users to create and track purchase orders, handle goods receipts, and manage supplier payments. The module supports multiple currencies and integrates with inventory management to ensure accurate stock levels. This helps businesses maintain efficient purchasing processes and control costs effectively.
4. **Items and Inventory:-** The Items and Inventory module in FrontAccounting (FA) manages all aspects of inventory control. It includes features for item categorization, stock management and inventory adjustments. Users can track stock levels, set reorder points, and manage item transfers between warehouses. The module ensures accurate inventory tracking and helps businesses maintain optimal stock levels, supporting efficient operations and reducing carrying costs.

**5.FEATURES TO BE TESTED:-**

1. **Login:-**

i. User Login

1. **Sales:-**

i. Sales Quotation Entry

1.Place Quotation entry

2. Cancel Quotation entry

ii. Sales Quotation Entry

1.Place order entry

2. Cancel order entry

iii. Delivery For Sales Order

1. Update the order details.

2. Clear quantity

3. Process dispatch

iv. Invoice for Delivery note

1. Process invoice.

2. update invoice.

**C ) Purchase:-**

i. Purchase Order Entry

1.Place Quotation entry

2. Cancel Quotation entry

ii. Receive Purchase Order Items(GRN)

1.Update purchase order

2. Cancel order entry

**i**ii. Supplier Invoice Entry

1. Enter Invoice

**D ) ITEM AND INVENTORY:-**

i. Inventory Location Transfer

1. Process transfer

ii. Inventory item adjustment

1. Show item adjustment

iii. Inventory item Status

1. Search

**6. FEATURES NOT TO BE TESTED:-**

1. Manufacturing
2. Fixed Assets
3. Dimensions
4. Banking and General Ledger
5. setup

**7. TEST APPROACH:-**

1. Method of testing:-
   1. Black-Box testing method
   2. Smoke Testing
2. Levels of testing:
   1. Unit Testing
   2. Integration Testing
   3. System Testing
3. Type of testing
   1. Functional testing -> with all the in scope -Flows
   2. Compatibility testing

**8. TEST DELIVERABLES:-**

1. Test Plan
2. Test Scenarios
3. Test Cases
4. Defect Summary Report/ Daily Status Report
5. Issue Logs.

**9. TEST ENVIRONMENT:-**

| Hardware:- | |
| --- | --- |
| Ram | 16GB |
| Processor | Reyzen 7 |
| Operating System | Windows |
| Server | Apache Tomcat |
| Browsers | Google Chrome , Firefox, Edge |

**10. SCHEDULE:-**

| **Sr.No** | **Task/Activities** | **Days** | **Date Range** |
| --- | --- | --- | --- |
| 1 | Requirement Gathering | 5 | 31/07/2024 to 05/08/2024 |
| 2 | Test Plan Writing | 1 | 6/08/2024 to 6/08/2024 |
| 3 | Test Scenarios Writing | 8 | 07/08/2024 to 14/08/2024 |
| 4 | Test Case writing | 6 | 14/08/2024 to 19/08/2024 |
| 5 | Test Case Execution &  Defect Reporting | 3 | 20/08/2024 to 26/08/2024 |

**11.ROLES AND RESPONSIBILITIES:-**

| **Sr.No** | **Name of the person** | **Task/Activities** |
| --- | --- | --- |
| 1 | Vijaysingh Padiyar | Requirement Gathering |
| 2 | Vijaysingh Padiyar | Test Plan Writing |
| 3 | Vijaysingh Padiyar | Test Scenarios Writing |
| 4 | Vijaysingh Padiyar | Test Case writing |
| 5 | Vijaysingh Padiyar | Test Case execution & Defect  Reporting |

**12. STAFFING AND TRAINING:-**

| **Training conducted by** | **Training Conducted for** | **Training Topic** |
| --- | --- | --- |
| Rajani Sankpal | Vijaysingh Padiyar | 1. Functional walkthrough & Training of Front Accounting application flows of below **modules:-** 2. **Sales** 3. **Purchase** 4. **Inventory**   & its submodules.  2) Software testing process  Walkthrough for team to  Follow common test  Standards at Quastech. |

**13. SOFTWARE RISK ISSUES (Product risk):-**

* Non-Availability of test automation tools to test
* Non-Availability of functionally skilled testers to test the functional product
* Non-Availability of training on the product to the testers

**14. RISK AND CONTINGENCIES (Project risk):-**

* Non-Availability of complete “Test Basis”
* Delay in receiving the build from Development team
* Lack of required testing the resources to complete the test on time.

**15. SUSPEND AND RESUME CRITERIA:-**

| **Suspend Criteria** | **Resume Criteria** |
| --- | --- |
| 1. Show stopper defect found (Blocker Defect) | 1. Show stopper defect is resolved and retested |
| 2) Power Outages | 1. Power issue is resolved |
| 1. System has crashed. | 3) System (Hardware/Software) is  fixed and can be resumed |

**16. ITEM PASS/FAIL CRITERIA:-**

| **Test Exit Criteria:- (Item pass/fail criteria)** |
| --- |
| 1. All the test Cases should be executed ( with 100% Test coverage) |
| 1. All the Test Cases should be with Pass status post test execution. |
| 1. Code for all failed test cases should be fixed/retested and closed |
| 4)Required quality of product (software) should be achieved |
| 5)All the Test Deliverables should be Updated with Latest Content. |

**17. APPROVAL:-**