TEST PLAN

PRODUCT NAME:FRONT ACCOUNTNG 2.4.2

**1)TEST PLAN IDENTIFIER**

Front Accounting(ERP) 2.4.2

MTP:Master Test Plan

**2)INTRODUCTION**

FrontAccounting (FA) is a professional web-based Accounting system for Enterprise Resource Planning (ERP). It is developed in PHP / Ajax using MySQL database management system.

**3) REFERENCE**

A)SRS of the Front Accounting(ERS) .

**4) APPROACH**

Testing of Front Accounting(ERS) will be done Manually.

**5)TEST ITEMS**

1. Login
2. Sales
3. Purchase
4. Item and Inventory

**6) FEATURE TO BE TESTED**

**A)** **SALES**

1. Sales Quotation Entry
2. Sales Order Entry
3. Direct Delivery
4. Direct Invoice
5. Delivery Against Sales Orders
6. Invoice Against Sales Delivery
7. Customer Payments
8. Sales Quotation Inquiry
9. Sales Order Inquiry
10. . Customer Transaction Inquiry
11. Customer and Sales Reports

**B) PURCHASE**

1. Purchase Order Entry
2. Outstanding Purchase Orders Maintenance
3. Direct GRN
4. Direct Supplier Invoice
5. Payments to Suppliers
6. Supplier Invoices
7. Purchase Orders Inquiry
8. Supplier Transaction Inquiry
9. Supplier and Purchasing Reports

**C) ITEM AND INVENTORY**

1. Inventory Location Transfers
2. Inventory Item Movements
3. Inventory Item Status
4. Inventory Reports

**D) LOGIN AND LOGOUT**

1) login page

**7) FEATURES NOT BE TESTED**

**A) TOP MENU(MISCELLANEOUS LINKS)**

1. Preference
2. Help
3. Dashboard

**B) MANUFACTURING**

**C)FIXED ASSETS**

**D)DIMENSION**

**E)BANKING AND GENERAL LEADER**

**F)SETUP**

C) EXCLUSION

* All the features except that are mentioned in features to be tested
* Any third party feature or Payment

**FROM OUR UNDERSTANDING WE BELIEVE ABOVE FUNCTIONAL AREAS NEEDED TO BE TESTED**

**8) TEST ENVIRONMENT**

A) BROWSER

1. Windows 11 home edition –Chrome, Firefox , and Edge

B) HARDWARE

1. Ram 8gb
2. Operating System windows 11 home edition
3. Server Apache Tomacat
4. Processor AMD Ryzen 4600h

C) SOFTWARE

1. Defect Tracking Tool MANTIS,JIRA
2. Defect Management tool Test Link
3. PDF reader Adobe reader

**9) ITEM PASS/FAIL CRITERIA**

|  |
| --- |
| EXIT CRITERIA:- (ITEM PASS/FAIL CRITERIA) |
| 1) All the Test Case should e executed (i.e 100% Test Coverage) |
| 90% Test case should be Pass and 10% Test case may be fail with low  Severity and low Priority |
| 3) Required quality of product ( software ) should be achieved. |
| 4) All the Test Deliverables should be Updated and completed |

**10) TEST DELIVERABLES**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DELIVERABLES | DESCRIPTION |  | TARGET COMPLETION | |
|  |  |  |  | |
| Test Plan | Details on the scope of the Project, test strategy, test schedule, resource requirements, test deliverables and schedule |  |  | |
| Functional Test Cases | Test Cases created for the scope defined |  |  | |
| Defect Reports | Detailed description of the defects identified along with screenshots and steps to reproduce on a daily basis. |  |  | |
| Summary Reports | Summary Reports –  Bugs by Bug  Bugs by Functional Area and  Bugs by Priority |  |  | |
|  | | |

**11) SUSPENSION AND RESUME CRITERIA**

|  |  |
| --- | --- |
| SUSPESNION CRITERIA | RESUME  CRITERIA |
| A show stopper is found in the build (defect) | Defect is fixed |
| No Electricity bill not paid | Electricity issue is resolve |
| System is crashed | System is resumed and Started working |
| Network Crashed | Network is available |

**12 TEST SCHEDULE**

|  |  |  |  |
| --- | --- | --- | --- |
| SR NO | TASK/ACTIVITY | TIME/DAY | TIME DURATION |
| 1 | Test Planning Writing | 2 | 9/10/2023 to 12/10/2023 |
| 2 | Test Scenario Writing | 2 | 13/10/2023 to 15/10/2023 |
| 3 | Test Case Writing | 4 | 16/10/2023 to 18/10/2023 |
| 4 | Test Execution | 3 | 18/10/2023 to 1/10/2023 |
| 5 | Test Defect Report | 1 | 2/11/2023 to 6/11/2023 |

**13) STAFFING AND TRAINING NEEDS**

* Specify staffing needs by role and required skills

**14) ROLES AND RESPONSIBILITIES**

|  |  |  |  |
| --- | --- | --- | --- |
| SR NO | NAME OF THE PERSON | DESIGNATION | TASK/ACTICITIES |
| 1 | Saurabh Singh | Jr.Tester | Test Plan Writing  Test Scenario Writing |
| 2 | Saurabh Singh | Jr.Tester | Test Case Writing |
| 3 | Saurabh Singh | Jr Tester | Test Case Execution Writing |
| 4 | Saurabh Singh | Jr.Tester | Test Defect Report Writing |
| 5 | Saurabh Singh | Jr.Tester | Test Summary Report Writing |

**15) SOFTWARE RISK(PRODUCT RISK)**

1. Third party component not available.

2. Government regulations and Policy changes.

3. Major Changes in the Software Requirement.

4. Safety and Security Related Risk.

**16) RISK AND MITIGATION**

1. Risk: Non-Availability of a Resource
2. Mitigation: Backup Resource Planning
3. Risk: Build URL is not working
4. Mitigation: Resources will work on other tasks
5. Risk: Less time for Testing
6. Mitigation: Ramp up the resources based on the Client needs dynamically

**17)APPROVAL**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SR.NO | NAME | DESIGNATION | DATE SIGN | REMARK |
| `  1 | Kirti Mam | Sr. Tester |  |  |
| 2 | Vashu Sir | Sr.Tester |  |  |

**18) ENTRY AND EXIT CRITERIA**

The below are the entry and exit criteria for every phase of Software Testing Life Cycle:

**Requirement Analysis**

Entry Criteria:

• Once the testing team receives the Requirements Documents (SRS) or details about the Project

Exit Criteria:

• List of Requirements are explored and understood by the Testing team

• Doubts are cleared

**Test Planning**

Entry Criteria:

• Testable Requirements derived from the given Requirements Documents or Project details

• Doubts are cleared

Exit Criteria:

• Test Plan document (includes Test Strategy) is signed-off by the Client

**Test Designing**

Entry Criteria:

• Test Plan Document is signed-off by the Client

Exit Criteria:

• Test Scenarios and Test Cases Documents are signed-off by the Client

**Test Execution**

Entry Criteria:

• Test Scenarios and Test Cases Documents are signed-off by the Client

• Application is ready for Testing

Exit Criteria:

• Test Case Reports, Defect Reports are ready

**Test Closure**

Entry Criteria:

• Test Case Reports, Defect Reports are ready

Exit Criteria:

• Test Summary Reports