**Test Plan Document**

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| **Test plan identifiers** | Front accounting2.0\_STP1.0 |
| **Reference** | FrontAccounting-Userguide-2.0, FA\_Requirements2.0 |
| **Introduction** | Front Accounting (FA) is a professional web-based Accounting system for Enterprise Resource Planning (ERP). It is  developed in PHP / Ajax using MySQL database management system. Front Accounting is a multi-user system. It supports multiple languages and currencies. This is system test plan for front accounting. Testing will be done manually on sales, purchase and items and inventory module. Test approach and schedule will be mentioned in respective section of this test plan. |
| **Approach** | 1. **Method of Testing: -**     1. Black Box Testing 2. **Levels of Testing: -**     1. System Testing 3. **Type of Testing: -**    1. Functional Testing    2. Compatibility Testing    3. GUI Testing    4. Usability Testing |
| **Test Items** | 1. Sales. 2. Purchase. 3. Item and inventory |
| **Feature to be tested** | **Sales: -**   1. New Sales Quotation Entry 2. Sales Order Entry 3. Deliver Items for Sales Order 4. Issue Invoice for Delivery Note 5. Customer Payment Entry   **Purchase: -**   1. Purchase Order Entry 2. Receive Purchase Order Items 3. Enter Supplier Invoice 4. Supplier Payment Entry   **Items and inventory: -**   1. Inventory Location Transfers 2. Inventory item movement report 3. Inventory item Status report |
| **Features not to be tested** | **Sales: -**   * **Transaction: -**   + Direct invoice   + Invoice against sales delivery   + Invoice prepaid orders   + Template delivery   + Create and print recurrent invoice   + template invoice * **Inquiries and reports** * **Maintenance** |
| **Test deliverable** | * Test plan * Test Scenario * Test case * Defect Report |
| **Test Environment** | |  |  | | --- | --- | | Hardware:- |  | | RAM | 2GB | | Processor | Intel i3 core processor with 3Ghz | | Operating System | Windows, Linux | | Server | Apache Tomcat | | Browser | Google Chrome, Mozilla fire-fox | | Software | MS word, MS excel, Libre office, Adobe pdf reader, Google chrome, Mozilla firefox | | pdf reader | Adobe pdf reader, Libre office, Calc, MS excel | |
| **Schedule** | |  |  |  |  | | --- | --- | --- | --- | | **Sr. no.** | **Task/ Activities** | **Days** | **Date range** | |  | Test plan writing | 2 | 11/09/2023 - 12/09/2023 | |  | Test scenario writing | 3 | 13/09/2023 - 18/09/2023 | |  | Test case writing | 4 | 20/09/2023 - 26/09/2023 | |  | Test case execution | 2 | 27/09/2023 - 30/09/2023 | |  | Defect reporting | 1 | 01/10/2023 | |  | Presentation | 1 | 03/10/2023 | |
| **Responsibilities** | |  |  |  |  | | --- | --- | --- | --- | | **Sr. no.** | **Name of the person** | **Designation** | **Test Activities** | |  | VIDYA | Test lead | Review | |  | VAIBHAV | Sr. Tester | Test plan writing | |  | VAIBHAV | Sr. Tester | Test case writing | |  | VAIBHAV | Jr. Tester | Test Case execution | |  | VAIBHAV | Jr. Tester | Defect Reporting | |
| **Staffing and training need** | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Staff** | **Skills** | **Training Conducted by** | **Employee name** | **Training topic** | | Manual Tester -1 | Manual testing, Test Case writing, Test scenario writing, Defect reporting, Mantis, Front Accounting | Vidya | VAIBHAV | Manual testing, Test Case writing, Test scenario writing, Defect reporting, Mantis, Front Accounting | |
| **S/W Risk issues(Product)** | * Software doesn’t perform some functions as per specification. * Software doesn’t perform as per expectation. * User experience of the product doesn’t meet customer expectations. * Response times are high for critical functions. * Computation Error – These are common issues that a developer has not written the correct computational logic in code. E.g. – When a discount applies to a product, then the discounts gets applied to shipping costs as well. * A loop Structure is coded wrong. * Software is unreliable and frequently fails to work. * Safety and security related issues. * Data base security related issues. |
| **S/W Risk issues(Project)** | * Lack of Training. * Delay in receiving built. * Network connection issues. * Installation issues. * Lack of resources. * Backup and Restore problem. * Database connection issues. * Unavailability of Test Environment. * Lack of system admin. * Delay in fixing defects by developing team. * Shortage of staffs and their skills. * Major changes in SRS which invalidates the test cases and requires changes in the test case. |
| **Risk and contingencies** |  |
| **Suspend and resume criteria** | |  |  | | --- | --- | | **Suspend Criteria** | **Resume Criteria** | | * Show stopper defect found (Blocker Defect) | * Show Stopper defect is resolved and retested | | * No electricity | * Electricity issue resolved | | * System crashed | * System is required and started working properly | | * Network Crashed | * Network is available | |  |  | |
| **Item pass / fail criteria** | |  | | --- | | **Exit criteria:-** (Item pas fail criteria) | | * All the test case should be executed(i.e. 100% Test coverage) | | * 90% Test case should be pass and 100% test case may be fail with low severity and low priority. | | * Required Quality of product (software) should be achieved. | | * All the test deliverables should be Updated | |
| **Approval** | |  |  |  |  | | --- | --- | --- | --- | | **Sr. No.** | **Name of the person** | **Designation and role** | **Date** | |  | Vidya | Test Lead | 12/09/2023 | |