**Test plan of Front Accounting Application**

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| **Sr. No.** | **Attributes** | **Description** |
|  | Test Plan Identifier | FrontAccounting\_2.4.8\_MTP\_1.0 |
|  | Reference | FrontAccounting\_userGuide\_2.0 |
|  | 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. * The recommended Http Web Servers are  1. Apache 2. Internet Information Services (IIS)  * It is targeted toward the small and medium sized enterprises. * Front Accounting includes:  1. Sales 2. Purchases 3. Items and Inventory 4. **Sales Module:**   Sales module maintains and controls the detailed information of Sales such as quotation, sales order entry, delivered sale and receivables from the customer against delivered sales order.  **Sales modules includes following processes:**  1. Set up a Quotation  2. Conversion of Sale Quotation to a Sales Order  3. Entering goods delivered against the Sales Order  4. Preparing Sales Invoice for the Sales Order  5. Entry for Customer payment received and receivable   1. **Purchases Module:**   Purchase module manages the information of the purchased goods such as purchase order, received goods from the suppliers and the payment against received goods.  **Purchases module includes following processes :**  1. Making a Purchase Orderentry  2. Entering Goods received against Purchase Order from the Supplier  3. Preparing Supplier Invoices  4. Making payments to the Supplier for goods received  **3. Items & Inventory Module:**  It controls list of items such item transfer from one warehouse to another warehouse, item received from suppliers or sale to customer and also maintain status of item of each location.  **Items & Inventory module includes following processes:**   1. Inventory Location Transfer 2. Inventory Item Movements 3. Inventory Item Status |
|  | Approach (Strategy) | **Test Method:**  Black Box Testing  **Test Level:**  System Testing  **Test Type:**  Smoke Testing  Functional Testing  Performance Testing  Usability Testing  UI Testing  Compatibility Testing  Recovery Testing |
|  | Test Items | * Login Module * Sales * Purchase * Items & Inventory |
|  | Features To Be Tested | **Sales Module:**   * Sales Quotation Entry * Sales Quotation Inquiry * Delivery Against Sales Orders * Invoice Against Sales Delivery * Customer Payment * Sales Order Inquiry   **Purchase Module:**   * Purchase Order Entry * Outstanding Purchase Order Maintenance * Supplier Invoices * Payment to Suppliers * Purchase Order Inquiry   **Items and Inventory Module:**   * Inventory Location Transfer * Inventory Item Movement * Inventory Item Status |
|  | Features Not To Be Tested | **Sales Module:**   * Customer Transaction Inquiry * Customer and Sales Report * Template Delivery * Template Invoice * Create and Recurrent Invoices * Sales Order Entry * Direct Delivery * Direct Invoices   **Purchase Module:**   * Direct GRN * Direct Supplier Invoice * Supplier Transaction Inquiry * Supplier and Purchasing Reports   **Items and Inventory Module:**   * Inventory Report |
|  | Test Deliverable | Test Plan, Test Scenario, Test Cases, Defect report. |
|  | Test Environment | A Windows environment with Google Chrome 32.0 and above, Mozilla Firefox 56.0 and above should be provided to each tester |
|  | Scheduling | |  |  |  |  | | --- | --- | --- | --- | | **Activity** | **Start Date** | **End Date** | **No. of Days** | | Test Scenario | 3th May 21 | 6th May 21 | 4 | | Test Case | 10th May 21 | 12th May 21 | 3 | | Execution and Defect Reporting | 13th May 21 | 24th May 21 | 6 | |
|  | Roles and Responsibility | |  |  |  | | --- | --- | --- | | **Activity** | **Designation** | **Name** | | Test Scenario | Sr. Tester | Pallavi Natle | | Test Case | Sr. Tester | Pallavi Natle | | Execution | Jr. Tester | Pallavi Natle | | Defect Reporting | Jr. Tester | Pallavi Natle | |
|  | Staffing and Training Needs | * Training on Defect Tracking Tool .i.e. Mantis * Training on ERP Domain |
|  | Software Risk Issue | 1. Government Rules and Regulation Changes. 2. If we deliver faulty product to client. 3. Main features such as Performance, Usability and Security are not up to the mark. |
|  | Risk and Contingency | 1. Natural Disaster 2. Miscommunication 3. If a Developer is taking too much time to fix defect 4. Resources are not available. 5. If Environment is not ready |
|  | Suspend and Resume Criteria | 1. If showstopper or blocker defect arises. 2. If Smoke Testing is failed. 3. If a Developer not given the build on time even if tester is ready with the test cases. 4. If a Developer is taking too much time to fix defect |
|  | Item Pass Fail Criteria | 1. All test cases are executed. 2. All defects are logged. 3. Time Constraint. 4. Maximum test cases are passed. 5. All requirements of client are satisfied. 6. No blocker and critical defects. |
|  | Approvals | |  |  |  | | --- | --- | --- | | **Designation** | **Name** | **Date and Sign** | | Project Manager | Mr. Sam |  | |