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Manual Tester

Test Plan

HDFC Life Calculate premium

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1. **Objective:**

The objective of this test plan is to outline the strategy and approach for manual testing of the Orange HRM application to ensure its functionality, usability, and reliability meet the specified requirements.

1. **Scope:**

The scope of this test plan includes:

* **Features and functionality to be tested:**
  + User Management
  + Employee Information Management
  + Leave Management
  + Time and Attendance
  + Recruitment
  + Performance Management
  + Dashboard and Reporting
* **Types of testing to be performed:**
  + Functional Testing
  + Usability Testing
  + Regression Testing
  + Compatibility Testing
* **Testing Environments:**
  + Various browsers (Chrome, Firefox, Edge, Safari)
  + Operating systems (Windows 10, macOS, Linux)

Devices (Desktops, Laptops, Tablets, Smartphones)

1. **Test Strategy:**

The test strategy involves creating detailed test scenarios and test cases using various test design techniques such as:

* Equivalence Class Partition
* Boundary Value Analysis
* Decision Table Testing
* State Transition Testing
* Use Case Testing
* Exploratory Testing and Error Guessing

**Testing Procedure:**

1. **Smoke Testing:** To verify that the critical functionalities of the application are working.
2. **Functional Testing:** To ensure that the application functions as per the requirements.
3. **Usability Testing:** To assess the application's user interface and user experience.
4. **Regression Testing:** To check that new code changes do not adversely affect the existing functionalities.
5. **Compatibility Testing:** To verify the application’s compatibility with different browsers and devices.
6. **Test Environments:**

Testing will be conducted in the following environments:

* **Operating Systems:**
  + Windows 10
  + macOS
  + Linux
* **Browsers:**
  + Google Chrome
  + Mozilla Firefox
  + Microsoft Edge
  + Safari
* **Devices:**
  + Desktops
  + Laptops
  + Tablets
  + Smartphones

1. **Test Schedule:**

The test schedule includes the following activities:

* **Test Plan Creation:**
  + Start Date: [Specify Date]
  + End Date: [Specify Date]
* **Test Case Creation:**
  + Start Date: [Specify Date]
  + End Date: [Specify Date]
* **Test Case Execution:**
  + Start Date: [Specify Date]
  + End Date: [Specify Date]
* **Summary Reports Submission:**
  + Date: [Specify Date]

1. **Test Deliverables:**

 Test Plan Document

 Test Cases

 Test Case Execution Reports

 Defect Reports

 Test Summary Reports

1. **Entry and Exit Criteria:**

**Entry Criteria:**

* Requirement documents are received and understood.
* Test environment is set up and ready.
* Test cases are reviewed and approved.

**Exit Criteria:**

* All planned test cases are executed.
* All critical defects are fixed and verified.
* Test summary report is prepared and reviewed.

1. **Defect Reporting Procedure:**

Defects will be reported using the JIRA bug tracking tool. Each defect report will include:

* Description of the defect
* Steps to reproduce
* Expected and actual results
* Screenshots or logs

1. **Risks and Mitigations:**

 Risk**:** Non-availability of resources

* **Mitigation:** Backup resource planning

 Risk**:** Build URL is not working

* **Mitigation:** Work on other tasks

 Risk**:** Less time for testing

* **Mitigation:** Ramp up resources based on client needs dynamically

1. **Tools:**

 JIRA Bug Tracking Tool

 Mind Map Tool

 Snipping Tool for Screenshots

 Word and Excel for documentation

1. **Approvals:**

The test plan, test cases, and test summary reports will be sent for client approval. Testing will proceed to the next phase only after receiving the necessary approvals.