Assignment - Module 3 (Testing on Live Application)

<https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>

1. Open above URL where you can see usename and password login into app
2. Create HLR of Admin, PIM, Recruitment and Dashboard section.

A:- [Module - 3 (Open source Demo)](https://docs.google.com/spreadsheets/d/1DJ_-aVNBQkis1ZysL49D-BiDRkDu8QV7DEFi0gId_VY/edit?usp=sharing)

1. Create Scenario of above mentioned sections.

A:- [Module - 3 (Open source Demo)](https://docs.google.com/spreadsheets/d/1DJ_-aVNBQkis1ZysL49D-BiDRkDu8QV7DEFi0gId_VY/edit?usp=sharing)

1. Create Test cases Leave, Time, MyInfo and Claim Section.

A:- [Module - 3 (Open source Demo)](https://docs.google.com/spreadsheets/d/1DJ_-aVNBQkis1ZysL49D-BiDRkDu8QV7DEFi0gId_VY/edit?usp=sharing)

1. Generate Test Plan for this application.

A:- **Test Plan – OrangeHRM Application**

**Project Name:** OrangeHRM – Open Source Demo  
 **Test Plan Version:** 1.0  
 **Prepared By:** [Your Name]  
 **Date:** [Today’s Date]

### **1. Introduction**

The purpose of this Test Plan is to define the scope, objectives, resources, approach, and schedule of testing for the OrangeHRM open-source demo application. The focus will be on testing the Login functionality, Admin, PIM, Recruitment, Dashboard, Leave, Time, MyInfo, and Claim modules.

### **2. Objectives**

* Verify that each module of the OrangeHRM application is working as expected.
* Validate both positive and negative scenarios for all functionalities.
* Ensure system stability, usability, and compatibility across browsers.

### **3. Scope**

**In Scope:**

* Functional Testing of modules:  
  + Login
  + Admin
  + PIM
  + Recruitment
  + Dashboard
  + Leave
  + Time
  + MyInfo
  + Claim
* Positive & Negative test cases
* UI Validation
* Cross-browser checks (Chrome, Firefox, Edge)

**Out of Scope:**

* Performance testing
* Security testing beyond login credential validation

### **4. Test Items**

* **Modules:** Login, Admin, PIM, Recruitment, Dashboard, Leave, Time, MyInfo, Claim
* **Test Artifacts:** Test Scenarios, Test Cases, Test Data, Test Results

### **5. Features to be Tested**

| **Module** | **Features to Test** |
| --- | --- |
| Login | Valid login, invalid login, empty fields, UI elements |
| Admin | Add/Edit/Delete user, search, role assignments |
| PIM | Add employee, edit employee details, search employee |
| Recruitment | Post vacancies, shortlist candidates, schedule interviews |
| Dashboard | Widget display, navigation, quick links |
| Leave | Apply leave, approve/reject leave, leave balance check |
| Time | Log time, view timesheet, submit timesheet |
| MyInfo | Update personal details, view records |
| Claim | Submit claim, approve/reject claim |

### **6. Approach**

* **Testing Levels:** Functional Testing, Integration Testing, UI Testing
* **Testing Techniques:**
  + Positive testing (valid inputs, expected workflows)
  + Negative testing (invalid inputs, error handling)
* **Tools:** Manual Testing with spreadsheet-based test case documentation

### **7. Entry & Exit Criteria**

**Entry Criteria:**

* Application is accessible and stable.
* Test data is prepared.
* Test environment is set up.

**Exit Criteria:**

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

### **8. Test Deliverables**

* Test Plan
* Test Scenarios & Test Cases
* Test Data Sheet
* Defect Report
* Test Summary Report

### **9. Schedule**

| **Activity** | **Start Date** | **End Date** |
| --- | --- | --- |
| Test Planning | Day 1 | Day 2 |
| Test Case Design | Day 3 | Day 4 |
| Test Execution | Day 5 | Day 7 |
| Defect Reporting | Day 5 | Day 7 |
| Test Closure | Day 8 | Day 8 |

### **10. Roles & Responsibilities**

| **Role** | **Responsibility** |
| --- | --- |
| Test Lead | Plan, coordinate, review |
| Test Engineer | Create & execute test cases, log defects |

### **11. Risks**

* Application downtime.
* Changes in the UI during testing.
* Unavailability of test data.

### **12. Approval**

| **Name** | **Role** | **Signature** | **Date** |
| --- | --- | --- | --- |
| Test Lead | QA Lead |  |  |
| Project Lead | Project Mgr |  |  |