# TOPS TECHNOLOGY

# MODULO 3

1.Open above URL where you can see usename and password login into app

* **Go to the URL**: <https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>

**Enter the username and password**:

Username: Admin

Password: admin123

**Click on the login button** to access the application.

2. Create HLR of Admin, PIM, Recruitment and Dashboard section.

3. Create Scenario of above mentioned sections.

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

5. Generate Test Plan for this application.

* **1. Test Plan ID**
* TP-001-OrangeHRM

**Introduction**

* This document describes the test plan for the OrangeHRM demo application, focusing on its core modules and functionalities. The goal is to validate the system's compliance with business requirements, usability, and performance expectations.
* **3. Scope**
* The OrangeHRM demo application includes various modules for HR management, such as:
* Dashboard
* Admin
* PIM (Personal Information Management)
* Leave Management
* Time Tracking
* Recruitment
* My Info
* Performance
* This test plan covers functional, UI/UX, and performance testing of these modules.
* **4. Objective**
* Verify the functionality of the OrangeHRM demo application.
* Ensure the UI is user-friendly and accessible.
* Validate data integrity across modules.
* Test performance and responsiveness of the application.
* **5. Test Items**
* User authentication (login/logout).
* Admin module functionalities (e.g., user role assignment, job titles).
* PIM module (e.g., employee creation, editing, deletion).
* Leave Management (e.g., leave application, approval, cancellation).
* Time Tracking (e.g., timesheets, attendance).
* Recruitment (e.g., job vacancies, candidate management).
* Performance (e.g., goal setting, appraisals).
* My Info (e.g., updating personal details, emergency contacts).
* **6. Test Environment**
* **URL:** [OrangeHRM Demo Application](https://opensource-demo.orangehrmlive.com)
* **Supported Browsers:** Chrome, Firefox, Edge, Safari
* **Devices:** Desktop (primary focus), Mobile (responsive layout testing)
* **Test Data:** Dummy employee data, leave requests, and other HR-related entries.
* **7. Test Approach**
* **7.1 Functional Testing**
* Verify that each module behaves as expected.
* Validate input field constraints and error messages.
* **7.2 User Interface (UI) Testing**
* Check for consistent design and responsiveness across devices.
* Ensure proper alignment and visibility of elements.
* **7.3 Performance Testing**
* Measure load time for pages.
* Test behavior under various levels of user load.
* **7.4 Security Testing**
* Verify user authentication and session management.
* Check for vulnerabilities like SQL injection and XSS.
* **8. Test Deliverables**
* Test Cases (functional, UI, performance).
* Test Execution Reports.
* Defect Reports.
* Final Test Summary Report.
* **Resources**

**Testers:** QA team (2-3 members)

**Tools:**

* Selenium for automation testing
* Postman for API testing
* JMeter for performance testing
* Browser Developer Tools for debugging

**10. Schedule**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | |  |  |  |   Activity | Start Date | End Date |
| Test Planning | Jan 22, 2025 | Jan 23, 2025 |
| Test Case Design | Jan 24, 2025 | Jan 26, 2025 |
| Test Execution | Jan 27, 2025 | Feb 2, 2025 |
| Final Report | Feb 4, 2025 | Feb 5, 2025 |

**Entry and Exit Criteria**

* **Entry Criteria:**
* Application is accessible.
* Test environment is set up.
* Test cases are approved.

**Exit Criteria:**

* All test cases are executed.
* Critical defects are resolved.
* Test summary report is prepared.

**Risk and Mitigation**

|  |  |
| --- | --- |
| Risk | Mitigation Strategy |
| Application downtime | Schedule tests during off-peak hours. |
| Delays in defect fixes | Prioritize defects based on severity. |