

**Test Plan Project Name: OrangeHRM
(open-source Human Resource Management
(HRM))**

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Website Link : [OrangeHRM](#)

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1.Introduction:

The documents provides is an overview to showcase the test case, test scenarios, bug report and Mind Map Of an (AUT) application Under test (OrangeHRM) this document provides the detailed information of the defects and features in the website and By conduction functional, non functional testing and automation testing

2.Objective:

- To conduct functional, nonfunctional and automation testing
on the (AUT)
- To check the UI/UX features that attracts the end user

3.Scope:

Manual and Automation Testing:

Manual Testing:

- In this test plan document it covers the testing of functional, NonFunctional and API testing ensures they the features work fine
- Validate all workflows manually, focusing on critical features like the login, dashboard, search , PIM(Personal Information Management)

Automation(Selenium):

- This is to check the workflows like login, Dashboard, Search PIM(Personal Information Management)

POM via Selenium:

Login functionality

Validate the login functionality with both valid and invalid data

Dashboard Functionality:

- Validate the dashboard functionality if it contains the user data wisely

Search Functionality:

- Automate search functionality and ensure it gives Valid data

4. Testable Features:

- login/sign in functionality
- Dashboard Functionality
- Search Functionality
- PIM(Personal Information Management)

5. Testing Approach:

Testing Types:

- **Functional Testing:** Verify the correct behavior of features.
- **UI Testing:** Check layout, responsiveness, and visual elements.
- **Compatibility Testing:** Test across multiple devices and browsers.
- **Navigate Testing:** Validate error handling for invalid inputs.

Testing Methodologies:

- **Exploratory Testing:** Identify edge cases and usability issues.
- **Regression Testing:** Ensure new updates do not break existing functionality.
- **Selenium:** Use POM to define the test scenarios and use testNG frame work

6: Roles and Responsibility

Team lead : Rikkish

Responsibility:

- Create and manage the test plan.
- Create detailed test scenarios for functional workflows.
- Develop compressive test cases to cover manual testing.
- With the help of Selenium automation validate the functionality of the website.

7.Test Schedule

Content	Date
Test plan	18th august 2025
Mind map	18th august 2025
Test scenario	18th august 2025
Test case	18th august 2025
Performance Testing	20th august 2025
Security Testing	20th august 2025
API Testing	21th august 2025
Bug reporting	19th august 2025
Summary report	19th august 2025

8.Tools:

This are the following tools used in the project

1. Google docs
2. Xmind
3. Excel sheets
4. Spring Tool
5. Selenium
6. Slack
7. Zoom-communication
8. Apache Jmeter
9. Brup suite
10. Postman

9.Risk and Mitigation:

Risk	Mitigation
Lack of knowledge on website	No experts will be there to guide

10.Entry and Exit criteria:

The entry and exit criteria are provided below

Requirement Analysis:

Entry Criteria:

The requirements are not provided for the website so we have to check the website from top to bottom

Exit Criteria:

The tester should check every feature of the website and test it with every possibility by thinking from the end user

Test Planning:

Entry Criteria:

Since the requirements are not provided for the tester. He has to go through the website and check every feature like an end user

Exit Criteria:

The Test Plan is signed-off by the Client.

Test Designing:

Entry Criteria:

Once the test plan is completed then the client review it and approves

Exit Criteria:

Test Scenarios and Test Cases prepared, reviewed, and approved by Client.

Test Execution:

Entry Criteria:

Test Scenarios and Test Cases reviewed and approved by the client. Then the website is ready for further Testing.

Exit Criteria:

Test Case Reports and Defect Reports read

Test Closure:

Entry Criteria:

Test Case Reports and Defect Reports are ready

Exit Criteria: Test Summary Reports, it overviews of the entire testing process

11.Approvals:

The below documents are need for approval from the client

- Test Plan
- Test Scenario
- Bug Reports Once these documents are approved after that testing will continue

12.Mind Map:

