**TEST PLAN**

Project Name: OrangeHRM



**Introduction**

The aim of this document is to give an overview of this testing approach, strategies, and scope for the OrangeHRM application. This document includes details like scope of project objectives, test deliverables and reports.

AUT: https://www.orangehrm.com/

**Objective**

1. To ensure the functionality of key features like login, sign up.
2. To confirm compatibility with other different browser

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1. **Project overview**

* Project Name: OrangeHRM
* Project objectives: Verify the website functionality, ensure user friendliness, test performance and also security testing.
* Project Scope:

1. User registration
2. New presentation

Out of scope

1. Third party collaboration
2. Any external help from other website

* Target Audience:

1. General Public
2. Internal users

2. **Test Strategy**

* Functional Testing
* Usability Testing
* Performance Testing
* Compatibility Testing
* **Test levels**
* Unit testing
* System Testing
* User Acceptance Testing

1. **Test Environment**

* Hardware: Computer, server, network availability
* Software: Operating system, browser, testing tools
* Data: User account, previous history

1. **Test Schedule**

* Start Date: 17 January 2025
* End Date: 19 January 2025
* Milestone: Test plan approval, test environment setup, bug reporting
* Resources: Testers, Developers, Project Managers

1. **Test Deliverables**

* Test plan document: Itself
* Test Cases: Detailed test cases with steps, expected results and actual results
* Test Reports: Summary of test results, including defects found and resolved
* UAT Feedback: Feedback from users during UAT

1. **Risk Management**

* Delays in development, insufficient testing resources

1. **Roles/Responsibilities**

**Name Role Responsibilities**

Manage budget

Sahil Khan Test manager Allocating additional resource

Monitoring project progress

Assess and prioritize tasks

Develop test plans and strategies

Palak Mangal Test Lead Review test results and provide feedback

Assign tasks set priorities, provide support

Monitor and manage the risks

Understand customer requirements

Sahil Khan Test Engineer Configuring test environment

Manage the automation tools

File closure activity.

1. **Communication Plan**

* Meetings, email, project management tools
* Reporting procedures

Example Test Case:

* Test Case ID
* Test Case Name: Verify User Registration
* Pre-conditions

1. Navigate to the registration page
2. Enter valid user details in all required fields
3. Click the “Signup ” button.

Expected result: A message that display that the user is successfully registered

Actual Result:

1. Pass/Fail

Tools

* Test Management Tools: Jira, Zephyr
* Browser Developer Tools: Chrome Dev Tools, Firefox Developer Tools
* Performance Testing Tools: JMeter, LoadRunner
* Security Testing Tools: OWASP ZAP, Burp Suite

Key Considerations:

* Prioritize testing: Focus on the most critical features and areas of the website.
* Automate repetitive tests to save time and resources
* Get feedback from developers, designers and users
* The test plan should be updated accordingly