

# TEST PLAN

Product Name: Orange HRM (Frontend)

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Date:

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## Overview

Our objective with the Test Plan is to delineate testing boundaries, create schedules, and identify deliverables.

## Scope

Within the project's framework, the focus lies on testing specific functionalities within the 'https://www.orangehrm.com/' web application, encompassing the following features.

## Inclusions

- My Info Module
- Photograph
- Contact Details
- Emergency Contact
- Dependants
- Immigration
- Job
- Salary
- Report To
- Qualifications
- Membership

Based on our comprehension, we are of the view that the functional aspects mentioned above require testing.

## Test Environments

Browser compatibility (cross-browser testing) involves evaluating the performance on various platforms such as

- Windows 10
  1. Chrome
  2. Firefox
  3. IE (Internet Explorer)

## Exclusions

- All the features except that are mentioned under 'Inclusions'
- Test Automation

## Test Strategy

'Farheen' has engaged in correspondence with 'OrangeHRM' and has comprehended the requirement to carry out Functional Testing for all the functionalities delineated in the aforementioned Scope section.

Certainly, here are various ways to express the concepts of validating existing functionalities, new functionalities, and fixed defects in a testing context:

Regression testing will encompass the validation of existing functionalities.

Progression testing will focus on validating new functionalities.

Additionally, fixed defects will undergo validation.

In the context of Functional Testing, we intend to adhere to the following approach for conducting tests:

As a part of our Testing activities, we will execute the following Testing types:

- Smoke Testing and Sanity Testing
- Regression Testing and Retesting
- Usability Testing, Functionality & UI Testing

We iterate through Test Cycles until we attain the desired level of product quality.

## Defect Reporting Procedure

During the test execution –

- We will record any deviations from the expected behavior demonstrated by the application. When it doesn't meet the criteria for classification as a defect, we will log it as an observation or issue, or present it in the form of a question.
- Any problems related to usability will also be documented.
- Once a defect is identified, it will undergo retesting to ensure its reproducibility. We document the defect with accompanying screenshots and detailed steps for reproduction.
- At the conclusion of each day's test execution, we will send a report containing the encountered defects as well as any observations.

### Note:

- We will record defects in an Excel spreadsheet.
- Test scenarios and Test cases will be recorded within an Excel document.

## Roles/Responsibilities

Following is the role or responsibilities are distributed for the project–

Name	Role	Responsibilities
Person A	Test Manager	✓ Escalations
Person B	Test Lead	<ul style="list-style-type: none"><li>✓ Create the Test Plan and get the client signoffs</li><li>✓ Interact with the application, create and execute the test cases</li><li>✓ Report defects</li><li>✓ Coordinate the test execution. Verify validity of the defects being reported.</li><li>✓ Submit daily issue updates and summary defect reports to the client.</li><li>✓ Attend any meeting with client.</li></ul>
Person C	Senior Test Engineer	<ul style="list-style-type: none"><li>✓ Interact with the application</li><li>✓ Create and Execute the Test cases.</li><li>✓ Report defects</li></ul>
Person D	Test Engineer	<ul style="list-style-type: none"><li>✓ Interact with the application</li><li>✓ Execute the Test cases.</li><li>✓ Report defects</li></ul>

## Test Schedule

Following is the test schedule planned for the project –

Task	Time Duration
▪ Creating Test Plan	Start Date to End Date
▪ Test Case Creation	Start Date to End Date
▪ Test Case Execution	Start Date to End Date
▪ Summary Reports Submission	Date

## Test Deliverables

The following are to be delivered to the client–

Deliverables	Description	Target Completion Date
Test Plan	Details on the scope of the Project, test strategy, test schedule, resource requirements, test deliverables and schedule	Date
Functional Test Cases	Test Cases created for the scope defined	Date
Defect Reports	Detailed description of the defects identified along with screenshots and steps to reproduce on a daily basis.	NA
Summary Reports	Summary Reports – Bugs by Bug#, Bugs by Functional Area and Bugs by Priority	Date

## Pricing

NA

## Entry and Exit Criteria

The following criteria define the conditions for initiation and conclusion in each stage of the Software Testing Life Cycle:

### Requirement Analysis

Entry Criteria:

- Requirement Spec Doc
- Test Plan
- Test cases
- Unit Tests cases should pass

Exit Criteria:

- Zero Installer defects.
- Completion of Planned Test Case's Execution.
- No P1 /P2 Functional defect from any iteration

### Test Planning

Entry Criteria:

- The Testable Requirements are formulated based on the provided Requirements Documents or Project details
- Doubts are cleared

Exit Criteria:

- The Test Plan document, which encompasses the Test Strategy, is approved by the Client



## Test Designing

Entry Criteria:

- Test Plan Document is signed-off by the Client

Exit Criteria:

- Test Scenarios and Test Cases Documents are signed-off by the Client

## Test Execution

Entry Criteria:

- Test Scenarios and Test Cases Documents are signed-off by the Client
- Application is ready for

TestingExit Criteria:

- Test Case Reports, Defect Reports are ready

## Test Closure

Entry Criteria:

- Test Case Reports, Defect Reports are ready

Exit Criteria:

- Test Summary Reports

## Tools

Here is a compilation of the Tools that will be utilized throughout this Project:

- XYZ Bug Tracking Tool
- Mind map Tool
- Snipping Screenshot Tool
- Word and Excel document

## Risks and Mitigations

Below is a compilation of potential risks along with corresponding mitigation strategies:

Risk: Resource is on vacation

Mitigation: Maintain backup resource

Risk: Hardware failure during testing

Mitigation: Make ready it team, also maintain backup h/w resources.

## Approvals

The team will submit various document types for Client approval, as illustrated below:

- Test Plan
- Test Scenarios
- Test Cases
- Reports

Testing will proceed to the next steps only upon successful completion of this approval.