

OrangeHRM

Test Plan

Test Plan for OrangeHRM

TP-P01

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1.Introduction

This test plan outlines the testing strategy and scope for the OrangeHRM Live Project, specifically targeting the functionalities and features described in the Software Requirements Specification (SRS) document. The primary goal of this test plan is to ensure that the OrangeHRM system functions as intended, provides a seamless user experience, and meets the business and user requirements for both HR administrators and ESS users.

2. Scope

2.1 In scope:

2.1.1 ESS (Employee Self Service) User Functionality:

- Log in
- Viewing and editing personal details
- Adding and managing
- Emergency contacts
- Contact Details
- Dependents
- Immigration information
- Qualifications
- Photograph upload
- Viewing
- Job information
- Salary information (view permissions only)
- Report To (supervisors and subordinates)

2.1.2 HR Admin Functionalities:

- Full control over user management (adding/deleting users, assigning roles).
- Managing job information (titles, categories, work shifts, employment status, pay grades).
- Managing organization settings (general info, structure, locations).
- Configuring qualifications (skills, education, licenses, languages, memberships).
- Security roles and permissions.

2.1.3 System Functionalities:

- Form validations (e.g., file size limits for uploads, required fields).
- Role-based access control (ESS vs. Admin).
- CRUD operations (Create, Read, Update, Delete) where allowed.

- Attachment upload functionality and file size/format handling.

2.2 Out Scope:

- Performance, load, and stress testing
- Third-party integrations(payment gateway)
- Mobile application testing

3.Test Schedule:

Feature	Test Days
Login	1 day
Viewing and edit personal details	2 days
Adding and managing	2 days
Emergency contacts	1day
Contact details	1 day
Dependent	1 day
Immigration information	1 day
Qualification	1 day
Photograph upload	1 day
Viewing	1 day
Job information	1 day
Salary information	1 days
Report to	1 day
Full control management	2 days
Managing job information	2 days
Managing organization setting	2 days
Configuring qualification	1 day
Security	1 day

4. Test Approach:

The testing for the OrangeHRM project will follow a manual, black-box testing approach based on the functional requirements outlined in the SRS document. The goal is to verify that all system features work correctly from the end-user perspective.

Testing Types:

- Functional Testing: To ensure each feature works as expected
- Role-Based Access Testing : To confirm that Admin and ESS users have correct permissions.
- UI Testing: To check layout, form behavior, and ease of use.

5. Suspension criteria and Resumption requirements:

Suspension Criteria: Testing will be suspended if critical defects, incomplete features, or environment issues prevent test execution.

Resumption Requirements: Testing will resume once the issues are resolved, and a stable build is available for testing.

6. Test Deliverable:

Before Testing
Test Plan
Test Scenarios
Test Cases
Test Environment Specification
During Testing
Test Logs
Requirement Traceability Matrix
Defect Reports
After Testing
Test summary report

7.Responsibilities

Role	Responsibilities
Test Manager	Overall Test Strategy,Resource Management,Planning and Execution ,Risk Management
Test Analyst	Requirement analysis,test design ,test execution,reporting
Tester	Test case creation ,test execution ,defect reporting ,collaboration
Test Lead	Test strategy,team leadership

8.Resource Planning

-Human Resources:QA Lead,Test Engineers,Developer (for defect fixing),Project Manager/Product Owner (for coordination and prioritization).

-Hardware Requirements:PC/laptops .

-Software Requirements:Project management tools: ‘Trello’ and Browsers (Chrome)