

# OrangeHRM - Master Test Plan

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**OrangeHRM Web Application (v5.7)**

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## 1. Introduction

This document plans the strategy, objectives, resources and schedule for functional testing for OrangeHRM Website from HR Admin Account and Employee Account to check that the system works as expected.

### 1.1 Objective

This test plan outlines the approach, strategy, scope, and resources required to validate the functional correctness of the OrangeHRM web application based on the SRS specifications. The focus is on verifying the behavior of the application under the roles of HR Admin and ESS (Employee Self-Service), covering modules such as My Info, Admin, Job, Organization, and Qualifications.

### 1.2 Background

OrangeHRM is a web-based Human Resource Management system. This project focuses on the functional testing of core HR modules with a strong emphasis on verifying CRUD operations, secure data access, and compliance with role-based permissions. All testing activities are based on the latest SRS document provided.

## 2. Scope

### 2.1 In-Scope:

#### 2.1.1 My Info module: (SRS - 3.1)

- 2.1.1.1 My Info Module (EES View) (SRS - 3.1.1)
- 2.1.1.2 Photograph (SRS - 3.1.2)
- 2.1.1.3 Contact Details (SRS - 3.1.3)
- 2.1.1.4 Emergency Contact (SRS - 3.1.4)
- 2.1.1.5 Dependents (SRS - 3.1.5)
- 2.1.1.6 Immigration (SRS - 3.1.6)
- 2.1.1.7 Job (SRS - 3.1.7)
- 2.1.1.8 Salary (SRS - 3.1.8)
- 2.1.1.9 Report To (SRS - 3.1.9)
- 2.1.1.10 Qualifications (SRS - 3.1.10)
- 2.1.1.11 Membership (SRS - 3.1.11)

#### 2.1.2 Admin module: (SRS - 3.2)

- 2.1.2.1 HR Admin account login (SRS - 000)
- 2.1.2.2 User Management (SRS - 3.2.1)
- 2.1.2.3 Job (Titles, Pay Grades, Employment Status, Job Categories, Work Shifts) (SRS - 3.2.2)
- 2.1.2.4 Organization (General Information, Locations, Structure) (SRS - 3.2.3)
- 2.1.2.5 Qualifications (Skills, Education, Licenses, Languages, Memberships) (SRS - 3.2.4)

### 2.2 Out-of-Scope:

- 2.2.1 Third party integrations (e.g. Google Drive, Email).
- 2.2.2 Performance, Load testing, Stress testing.
- 2.2.3 Testing on Mobiles.
- 2.2.4 Non-functional features.

## 3. Test Methodology

### 3.1 Manual Testing

### 3.2 Functional Testing

## 4. Approach

Modules	Test Type	Manual Testing Only Coverage
My Info Module	Functional	TC-000 to TC-000
Admin Module	Functional	TC-000 to TC-000

## 5. Risks

Risk	Impact	Trigger	Mitigation/ Contingency Plan
Missing admin restrictions	Delay project	1 Day delay	Conduct access reviews before deployment
Incorrect role access	Delay project	1 Day delay	Test permissions in early staging
Blocked login access data	Delay project	1 Day delay	Maintain backup admin accounts

## 6. Roles & Responsibilities

Role	Responsibility
QA Lead	Manage plan, review test cases
QA Engineer	Write test cases, execute tests, report bugs
Developers	Fix bugs
Product Owner	Oversee QA progress, approve deliverables

## 7. Schedules

### 7.1 Schedule by Phase

Phase	Duration	Start Date - End Date
SRS Analysis & Trello Setup & Test Planning Design	1 Day	23/06/2025 - 24/06/2025
Test Case Design	1 Day	24/06/2025 - 25/06/2025
Test Execution	1 Day	25/06/2025 - 26/06/2025
RTM & Bug Reporting	1 Day	26/06/2025 - 27/06/2025
Test Summary Report	1 Day	27/06/2025 - 27/06/2025

## 7.2 Schedule by Feature

Feature	Duration	Start Date - End Date
2.1.1 My Info Module		
2.1.1.1 My Info Module (EES View)	2 Days	24/06/2025 - 26/06/2025
2.1.1.2 Photograph		
2.1.1.3 Contact Details		
2.1.1.4 Emergency Contact		
2.1.1.5 Dependents		
2.1.1.6 Immigration		
2.1.1.7 Job		
2.1.1.8 Salary		
2.1.1.9 Report To		
2.1.1.10 Qualifications		
2.1.1.11 Membership		
2.1.2 Admin module		
2.1.2.1 HR Admin account login	2 Days	24/06/2025 - 26/06/2025
2.1.2.2 User Management		
2.1.2.3 Job		
2.1.2.4 Organization		
2.1.2.5 Qualifications		

## 8. Defect Tracking

**8.1 Tool:** Trello & PDF Bug Report

### 8.2 Severity Levels:

- 8.2.1 Critical: Blocks login – Immediate Attention
- 8.2.2 Major: Impacts core functions
- 8.2.3 Minor: Low impact bugs

## 9. Test Environment

**9.1 Browser:** Chrome (Version 137.0.7151.120 (Official Build) (64-bit))

**9.2 Operation System:** Windows 10/11

**9.3 Accounts:** Admin (Admin/admin123), Employee (John Doe/John@123)

**9.4 Network:** Standard

**9.5 Devices:** PCs

## 10. Entry & Exit Criteria

### 10.1 Entry Criteria:

- 10.1.1 Requirements (SRS) are reviewed, clear and accepted
- 10.1.2 Test Plan is studied and accepted
- 10.1.3 Test Environment is set up and available
- 10.1.4 Test Cases are documented and revised.
- 10.1.5 Tools are accessible and organized
- 10.1.6 Functional build deployed

### 10.2 Exit Criteria:

- 10.2.1 All test cases executed
- 10.2.2 Critical bugs resolved and no major issues remain open
- 10.2.3 Bug reports are finished and submitted
- 10.2.4 Final test summary report is ready and revised
- 10.2.5 Test deliverables are handed over

## 11. Deliverables

Deliverable	For	Date - Milestone
Trello Board (User Stories)	Product Owner, Dev Team, QA Team, Scrum Master	23/06/2025 – Sprint Kickoff
Test Plan	QA Lead, Test Manager, Product Owner, Dev Lead	23/06/2025 - Test Readiness
Test Cases	QA Engineers, Dev Lead, Product Owner	26/06/2025 - Test Execution
Bug Report	QA Engineers, Dev Lead, Product Owner	26/06/2025 - Defect Triage Completion
RTM (Requirements Traceability Matrix)	QA Lead, Dev Lead, Product Owner	26/06/2025 - Requirement Sign-Off
Test Summary Report	QA Lead, Dev Lead, Product Owner, Stakeholders	27/06/2025 - Test Closure & Go-No-Go Decision

## 12. References

Software Requirements Specification (SRS) Document – OrangeHRM

## 13. Approval

Role	Name	Signature
QA Lead	QA Team	QA Team
Project Manager		