# OrangeHRM

Test Plan

**Test plan for OrangeHRM**

**Document Version: 1**

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# 1. Introduction

This Test Plan outlines the overall testing strategy and approach for verifying and validating the selected functionalities of the **OrangeHRM** application. The primary objective of this document is to ensure that the selected requirements defined in the **Software Requirements Specification (SRS)** are thoroughly tested and that the software meets the expected standards of **quality, reliability, and performance** prior to release.

The testing process aims to identify defects, ensure data integrity, validate the user interface consistency, and confirm that the implemented features function as intended within the defined scope. All tests will be designed to minimize risk and ensure a stable, user-ready product.

# 2. Scope

## 2.1 In Scope

This Test Plan covers **Graphical User Interface (GUI)** testing and **data validation** in report outputs as defined in the SRS document. The testing effort focuses on the **Admin** section of OrangeHRM, specifically within the **Job Module**, including:

- **Job Titles** – verifying creation, update, and deletion of job titles.
- **Pay Grades** – validating pay grade management, currency configurations, and range consistency.
- **Employment Status** – testing the setup and maintenance of employment categories.
- **Job Categories** – ensuring accurate categorization and data reflection across modules.
- **Work Shifts** – verifying configuration, scheduling logic, and employee assignment accuracy.

All related functional, UI, and data validation aspects for these features are considered within the testing scope.

## 2.2 Out of Scope

All the other functionalities of the website

## 3. Test Schedule

| Feature | Duration | Assigned To |
| --- | --- | --- |
| Job Titles | 1 Day | Mohammad Badawi |
| Pay Grades | 1 Day | Mohammad Badawi |
| Employment Status | 1 Day | Mohammad Badawi |
| Job Categories | 1 Day | Mohammad Badawi |
| Work Shifts | 1 Day | Mohammad Badawi |

## 4. Test Approach

The project follows an **Agile development approach**, with testing activities integrated into **daily iterations**. At the end of each iteration, newly developed or updated features will be delivered to the QA team for validation. The testing process will primarily focus on **Functional Testing**, ensuring that all workflows and functionalities specified in the **Software Requirements Specification (SRS)** operate correctly from end to end and meet the defined acceptance criteria.

## 5. Suspension criteria and resumption requirements

Testing activities may be **temporarily suspended** if certain conditions prevent effective execution or compromise the accuracy of test results. Suspension will occur under any of the following circumstances:

- Failure to meet the **entry criteria** defined for the testing phase.
- **Critical issues** in the application environment, such as system instability or build failures.
- **Network outages** or connectivity problems that prevent access to the testing environment.
- Missing or corrupted **test data** required for validation.

Testing will resume only after the identified issues have been resolved and the system meets the established entry criteria for continuation.

# 6. Milestones and Deliverables

## 6.1 Before Testing

- Finalized **User Stories** approved by the Product Owner.
- Completed **Test Plan** outlining scope, strategy, and responsibilities.
- Designed and reviewed **Test Cases** mapped to user story acceptance criteria.

## 6.2 During Testing

- **Execution of Test Cases** according to the defined schedule.
- Submission of **Bug Reports** for any identified defects.
- Maintenance of a **Requirements Traceability Matrix (RTM)** to ensure complete coverage between requirements and test cases.

## 6.3 After Testing

- Preparation and submission of a comprehensive **Test Summary Report** detailing test results, defect statistics, and quality metrics.

# 8. Test Environment

- **Operating System:** Windows 11
- **Browser:** Google Chrome (latest stable version)
- **RAM:** 24 GB
- **Network:** Stable internet connection (minimum 10 Mbps recommended)
- **Access:** Authorized QA accounts with the necessary system permissions