# TEST PLAN FOR ORANGE HRM :

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| **General Information** | |
| **Customer** | Orange HRM |
| **Created By(Author)** |  |
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**1. Introduction**

**1.1. General Information**

**1.2. Purpose**

**2. Scope of Project**

**2.1. Scope of Web Portal**

**2.2. Scope of Mobile Application**

**2.3. Scope of Admin Part**

**3. Work Plan**

**4. Test Plan and Strategy**

**4.1. Functional Testing**

**4.2. Test Procedure**

**4.3. Bug Reports**

**5. Resources**

**5.1. Tools**

**5.2. The List of the Browser**

**5.3. The list of the devices**

**6. The Criteria of Quality**

**7. Testing Process Risks**

**8. Test Team Expectation**

**9. Responsibilities of Test Team Members**

**10. Deliverables**

# Introduction:

# **General Information:**

Orange HRM is an open-source human resource management platform designed to streamline HR processes such as employee management, attendance tracking, and performance evaluations. The application comprises a web portal, a mobile application, and an administrative interface.

# Purpose:

The purpose of this test plan is to outline the testing approach for the OrangeHRM application to ensure its functionalities meet the specified requirements and perform reliably across different platforms and devices.

# Scope of Project:

# Scope of Web Portal:

The web portal encompasses modules including Employee Information Management, Leave Management, Time and Attendance Tracking, and Performance Evaluations. Testing will focus on verifying the functionality, usability, security, and compatibility of these modules across supported web browsers.

# 2.2. Scope of Mobile Application

The mobile application provides access to key HRM functionalities on mobile devices. Testing will ensure that features such as employee self-service, leave requests, and attendance tracking function correctly on various mobile operating systems and screen sizes.

# 2.3. Scope of Admin Part:

The administrative interface allows HR managers to configure system settings, manage user roles, and generate reports. Testing will validate that administrative functionalities perform as intended and that access controls are properly enforced.​

# Work Plan:

Following are the criteria for work plan are as follow:

1. Define Testing Objectives
2. Identify resources
3. Set up Testing Environment
4. Test planning
5. Test Design
6. Test Execution
7. Defect Reporting and Tracking
8. Post Testing Activities

# Test Plan and Strategy:

**4.1. Functional Testing**

Functional testing will verify that each module operates according to the specified requirements. This includes testing user interactions, data processing, and system integrations.​

**4.2. Test Procedure**

Test cases will be executed manually and using automated testing tools where applicable. Each test case will document the test steps, expected results, and actual outcomes.

**4.3. Bug Reports**

Defects identified during testing will be documented in a bug tracking system, detailing the severity, steps to reproduce, and any relevant screenshots or logs.

# 5. Resources

**5.1. Tools**

|  |  |
| --- | --- |
| **Name of Process** | **Tool** |
| Defect tracking | Jira |
| Test cases | Test rail |
| Screenshot/video capture | Snagit |

# 5.2. List of Browser

|  |  |
| --- | --- |
| **Name of the Browser** | **Version** |
| Chrome | Latest |
| Firefox | Latest |
| Safari | Latest |

# 5.3. List of Devices

|  |  |
| --- | --- |
| **Name of the Device** | **OS** |
| iPhone devices | All supported OS |
| Android devices | All supported OS |

# 6. Criteria of Quality

The application will be evaluated based on:​

* **Functionality:** All features operate as intended.​
* **Usability:** The user interface is intuitive and user-friendly.​
* **Performance:** The application responds promptly under expected load conditions

# 7. Testing Process Risks

Potential risks include:

* **Resource Constraints:** Limited availability of testing personnel or environments.​
* **Tight Deadlines:** Insufficient time allocated for thorough testing.​
* **Changing Requirements:** Modifications to requirements during the testing phase.​
* **Defect Leakage:** Critical defects not identified during testing.​

# 8. Test Team Expectations

The test team is expected to:​

* Understand the application’s functionalities and requirements.​
* Develop comprehensive test cases covering all scenariosExecute tests diligently and document results accurately.​
* Communicate effectively with developers and stakeholders.​
* Adhere to the project timeline and deliverables.

# Responsibilities of Test Team Members

**Test Manager:**

- Oversee the entire testing process, ensuring alignment with project goals

-Develop and maintain the test plan.

**QA tech lead**

* Managing the QA team for the technical purpose
* Communicating with the client team, and discussing all issues, providing recommendation before an update release**.**

**QA engineer**

* QA process/ logging found errors into the approved bug tracking system.

# 10.Deliverables

1. Test plant document
2. Test case document
3. Test Script
4. Defect report
5. Test Execution report