# **1.Introduction:-**

The **OrangeHRM website** serves as a platform for users to explore and evaluate the features of the OrangeHRM software, an open-source Human Resource Management (HRM) solution. It is designed to streamline HR processes and provides tools for managing employee data, leave requests, time tracking, recruitment, and performance evaluations.

# **2.Test Objective:-**

* State the goals of the testing process (e.g., validate functionality, performance, Usability).
* Specify the expected outcomes.

### **3.Testing Scope:-**

The scope of this test plan includes:

1. Authentication (Login/Logout).
2. Navigation through the dashboard and various modules.
3. Employee Management functionalities.
4. Leave Management workflows.
5. Recruitment processes.
6. Performance evaluation module.
7. UI/UX and browser compatibility testing.
8. Security testing (basic checks).
9. Performance testing.

# **4. Test Schedule Duration:**

# ● TestPlanning Phase: 48 Hours

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# **5. Test Coverage**: -

The test coverage will include functional, non-functional, and security, performance & compatibility testing across the features to be tested.

# **Functional Testing:**

1. Login/Registration: Test user sign-up, login, and profile updates.

2. MenuDisplay and Search: Ensure menus display correctly and searches return accurate results.

3.OrderPlacement: Verify that users can add items, update quantities, and place orders.

4. OrderTracking: Ensure users can track their order status.

5. Ratings and Reviews: Test the functionality of submitting and viewing ratings and reviews.

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# **Non-functional Testing:**

1. Performance Testing: Verify the app's performance under normal and peak loads (e.g., load time, transaction time).

2. Usability Testing: Ensure that the app is user-friendly, with an intuitive interface.

# **6.Test Approach:-**

1. Manual Testing: Most features will be tested manually (user login, menu display, order placement, etc.), as these require human judgment, especially for UI/UX and functional testing

### **7.Roles and Responsibilities:-**

#### **1. Anil Rajak (Test Lead)**

* **Role**: Test Lead (Automation Testing Specialist)
* **Responsibilities**:
  + Plan and oversee the testing process, ensuring quality and deadlines are met.
  + Create and manage test strategies, plans, and schedules.
  + Develop, execute, and maintain automation test scripts for critical workflows.
  + Coordinate between the testing team and stakeholders for status updates and issue resolution.
  + Review automation test cases created by the team for completeness and accuracy.
  + Identify risks and provide mitigation strategies for the testing process.
  + Ensure adherence to best practices in automation testing.

#### **2. Sonu Singh (Automation Tester)**

* **Role**: Automation Tester
* **Responsibilities**:
  + Design, develop, and execute automation scripts for various modules (e.g., Employee Management, Leave Management).
  + Collaborate with the Test Lead to identify areas for automation and optimize testing workflows.
  + Debug and resolve issues in test scripts to ensure stability.
  + Validate test results, log defects, and track them to closure.
  + Maintain documentation for test automation frameworks and processes.

#### **3. Balaji Chavan (Manual Tester)**

* **Role**: Manual Tester
* **Responsibilities**:
  + Execute manual test cases for functional, usability, and UI testing.
  + Identify and log defects with detailed reproduction steps in the defect tracking tool.
  + Perform exploratory testing to uncover edge cases and usability issues.
  + Validate fixes for reported defects and perform regression testing.
  + Document test cases, test scenarios, and test results comprehensively.
  + Ensure application meets quality standards and aligns with user requirements.

# **8. Deliverables:**

**1. TestPlan Document:** A detailed plan outlining the testing scope, strategy, and schedule.

**2. TestCases:** Specific scenarios to be tested, detailing the input, expected results, and testing steps.

**3. TestExecution Report:** Status updates during the test execution phase, including passed/failed test cases and defect logs.

**4. Defect Logs:** A detailed record of defects identified, their severity, and resolution status.

**5.Final Test Report:** A comprehensive report summarizing all testing activities, issues found, and the status of testing.

**6. TestClosure Report:** Documentation of lessons learned, final sign-offs, and recommendations for future testing

## **9. Entry and Exit Criteria**

### **Entry Criteria:**

* Requirements are finalized.
* Test Planning is ready.
* Test data is prepared.

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### **Exit Criteria:**

* All planned test cases are executed.
* Critical defects are resolved.
* Test summary report is completed.

# **10. Risks and Mitigations**

* Identify potential risks (e.g., delays, resource issues).
* Provide mitigation strategies for each risk.

# **11. Approvals Required:**

**1 TestPlan Approval:** From the project manager and other stakeholders (e.g., business analysts, product managers).

**2. TestCases Approval:** From the development team to ensure that test cases cover all requirements.

**3. TestExecution:-** After each testing cycle (e.g., functional and performance testing), a sign-off from stakeholders confirming the test results.

**4. TestClosure Report Approval:** A final sign-off from stakeholders once the testing is complete, ensuring that all critical features have been tested and any major defects have been resolved