

Orange HRM

TEST PLAN

VERSION HISTORY

Version	Write by	Revision date	Approved by	Approval date	Outline
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INTRODUCTION

Then test plan is designed to prescribe the scope, approach, resources and schedule of all testing activities of the project Orange HRM.

The plan identify the items to be tested, the features to be tested, the type of the testing to be performed, the personal responsible for testing, the resources and schedule required to complete testing and the risk associated with the plan.

Orange HRM is a comprehensive Human Resource Management (HRM) system designed to streamline and automate HR processes for organizations of all sizes. Founded in 2005 by Sujee Saparamadu, the company is headquartered in Secaucus, New Jersey, and has grown to serve over 5 million users across more than 100 countries.

1. TEST STRATEGY

1.1 Scop of testing

1.1.1 Feature to be tested

Module name	Applicable roles	Description
Admin	Admin	Admin - Admin can update delete and edit the employee's data. Admin can add employee's skill, educations, licenses, memberships.
PIM	Admin	Admin – Admin can add employee, report, configuration and employee list are manage.
Leave	Admin	Admin – Admin can manage apply, my leave, entitlements, reports, configure, leave list and assign leave pages.
Time	Admin	Admin – Admin can manage timesheet, attendance, reports and project info pages.
Recruitment	Admin	Admin – Admin can manage candidates and vacancies pages.
My info	Admin	Admin – Admin can manage his personal details.
Performance	Admin	Admin – Admin can manage configure, manage review, my trackers and employee trackers pages.
Dashboard	Admin	Admin – Admin can manage dashboard page's data.
Directory	Admin	Admin – Admin can manage directory page.
Maintenance	Admin	Admin – Admin can employee, candidate and access records search and manage that.
Claim	Admin	Admin – Admin can manage configuration, submit claim, my claim, employee claim and assign claim pages.
Buzz	Admin	Admin – Admin can see uploaded employee's post and he can upload post.

1.1.2 Features not be tested

- ⇒ Performance
- ⇒ Database logical
- ⇒ User interfaces
- ⇒ Software interfaces
- ⇒ Hardware interfaces

1.2 Test type

1. Functional System Test

This testing verifies that the application functions as intended, ensuring that all features and functionalities work according to the specified requirements.

2. Security Test

Security testing identifies vulnerabilities and ensures that the application is protected against unauthorized access, data breaches, and other security threats.

3. Compatibility Test

Compatibility testing ensures that the application operates correctly across different browsers, devices, and operating systems, providing a consistent user experience.

1.3 Risk and Issues

Risk	Mitigation
Team members may be unavailable due to vacations or unforeseen circumstances.	Maintain backup resources to ensure continuity in testing activities.
Potential hardware failures during the testing phase.	Ensure the IT team maintains backup hardware resources to minimize downtime.
Testing may be conducted in an environment that doesn't accurately reflect the production setup.	Set up and validate a testing environment that closely mirrors the production environment to ensure accurate test results.
Poor internet connections can disrupt web-based testing activities.	Use stable and high-speed internet connections during testing, and have contingency plans in place for connectivity issues.

1.4 Test Logistics

1.4.1 Who will Test?

-> The project should be user internal member as the tester to save the project cost.

1.4.2 When will Test Occur?

-> The tester will start the test execution when all the following inputs are ready

- Software is available for testing
- Test Specification is created
- Test Environment is built

2. TEST OBJECTIVE

The "Test Objective" section of the Orange HRM test plan defines the purpose and scope of the testing activities. According to the test plan documents, the objective is to define the scope of testing, schedules, and deliverables.

This objective guides the testing process by outlining the areas to be tested, such as the My Info Module, Photograph, Contact Details, Emergency Contact, Dependents, Immigration, Job, Salary, Report To, Qualifications, and Membership.

3. TEST CRITERIA

3.1 Suspension Criteria

- If the team members report that there are 40% of test cases failed, suspend testing until the development team fixes all the failed cases.

3.2 Exit Criteria

- All planned Test Cases have been executed.
- Zero defects in the installation process.

4. RESOURCE PLANNING

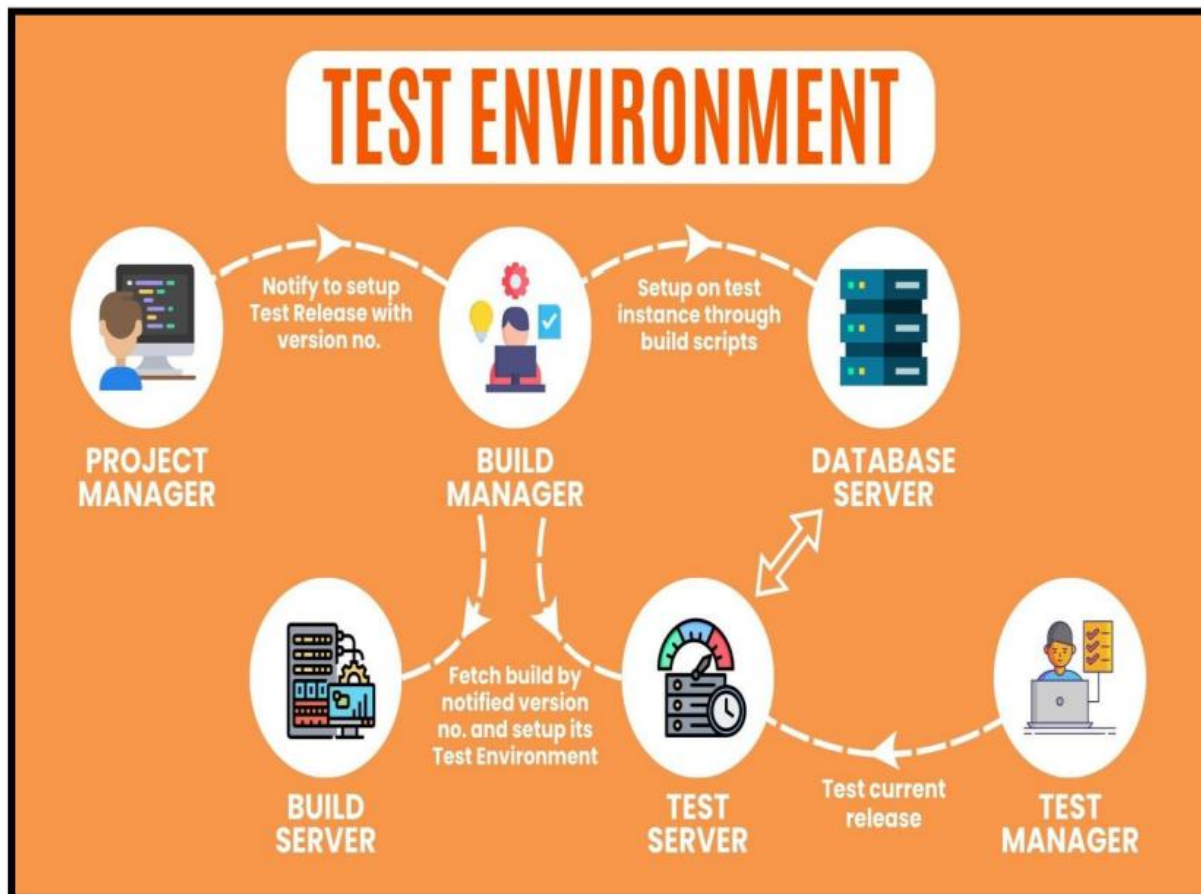
4.1 System Resource

No.	Resources	Descriptions
1.	Hardware	Laptop, smartphones, desktop computer, tables with different OS & screen sizes.
2.	Operating system	Windows, macOS, android, IOS
3.	Browsers	Google chrome, Microsoft Edge
4.	Network	High speed internet connection for real time testing.
5.	Defect Tracking	Bugzilla, Jira

4.2 Human Resource

No.	Member	Tasks
1.	Test Manager	Plans & manages all testing activities.
2.	QA/ Tester	Designs, executes test cases, log defect & performs functional/non- functional testing.
3.	UI Tester	Validates user interface consistency, design standards & user experience.
4.	Developer	Fixes bugs reported during testing & supports defect resolution.
5.	Business Analyst	Assists in requirement clarification & ensures test coverage aligns with business goals.

5. TEST ENVIRONMENT



6. SCHEDULE & ESTIMATION

6.1 Project Task & Estimation

No.	Tasks	Estimation Efforts
1.	Requirement analysis	2 Days
2.	Test Planning	2 Days
3.	Test Design	4 Days
4.	Test environment setup	2 Days
5.	Test Execution	5 Days
6.	Test Reporting	2 Days
7.	Test Closure	1 Days
Total		18 Days

6.2 Schedule To Complete These Tasks

Task Name	Jan 2021				Feb 2021				Mar 2021				Apr 2021				May 2021			
	1W	2W	3W	4W	1W	2W	3W	4W	1W	2W	3W	4W	1W	2W	3W	4W	1W	2W	3W	4W
Test Planning, scheduling, reporting, review	[Green Bar]																			
Testcase design, execution, defect reporting					[Green Bar]															
UI Testing, Usability & design validation													[Green Bar]							
Test Delivery																	[Green Bar]			

7. TEST DELIVERABLES

7.1 Before Testing Phase

- Test plans document.
- Test cases documents
- Test Design specifications.

7.2 During The Testing

- Test Tool
- Simulators.
- Test Data
- Test Trace-ability Matrix
- Error logs and execution logs.

7.3 After The Testing Cycles is Over

- Test Results/reports
- Defect Report
- Installation/ Test procedures guidelines
- Release notes