Project Report on Manual Testing of OrangeHRM Application

(Using the Open-Source Demo Portal)

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OrangeHRM Manual Testing Project Report

1. Project Overview

- **Project Title:** Manual Testing of HR Management System – OrangeHRM

- **Application URL:** https://opensource-demo.orangehrmlive.com/

- **Domain:** HR Management / Employee Management System

- **Tester Name:** N H Padma Priya

- **Duration:** April 14 – April 17, 2025

- **Objective:** To perform end-to-end manual testing of OrangeHRM to validate the functionality of core HR modules, identify defects, and ensure the application meets business requirements.

- **Scope:**

  o **In-Scope:** Login, Admin, Employee Management (PIM), Leave, Recruitment, Dashboard (UI/UX).

  o **Out of Scope:** Payroll, APIs, Performance Testing, Database testing.

- **Login Credentials (Demo):**

  o **Username:** Admin

  o **Password:** admin123

2. Test Plan

Field	Details
Project Name	OrangeHRM – Manual Testing
Tested By	N H Padma Priya
Testing Type	Manual Testing (Functional, UI, Regression)
Test Environment	Browsers: Chrome, Firefox, Edge
Tools Used	Browser DevTools, Excel/Google Sheets, Screenshot tools
Start Date	April 14, 2025
End Date	April 17, 2025
Entry Criteria	Application accessible and valid login credentials available
Exit Criteria	All test cases executed and high-priority bugs logged
Deliverables	Test Scenarios, Test Cases, Bug Report, Test Summary Report

3. Test Scenarios

Module	Scenario ID	Test Scenario
Login	TS01	Verify login with valid credentials
	TS02	Verify login with invalid credentials
	TS03	Verify login with blank fields
Admin	TS04	Verify adding a new user
	TS05	Verify deleting an existing user
Employee Management (PIM)	TS06	Verify adding a new employee
	TS07	Verify editing employee details
Leave	TS08	Verify applying for leave
	TS09	Verify approving/rejecting leave
Recruitment	TS10	Verify adding a new candidate
	TS11	Verify updating candidate status
UI/UX	TS12	Verify dashboard navigation links
	TS13	Verify mobile responsiveness

4. Test Cases

TC ID	Module	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status	Bug ID
TC_01	Login	Verify login with valid credentials	1. Go to login page → 2. Enter username/password → 3. Click Login	Username: Admin, Password: admin123	Redirects to Dashboard	Redirects to Dashboard	✅ Pass	—
TC_02	Login	Verify login with invalid password	Enter Admin/wrong123 → Click Login	Username: Admin, Password: wrong123	Error message displayed	No error shown	❌ Fail	BUG_01
TC_03	Login	Verify login with blank fields	Leave username & password blank → Click Login	N/A	Error message displayed	Error shown correctly	✅ Pass	—
TC_04	Admin	Verify adding a new user	Admin → User Management → Add User → Save	User Role: ESS, Name: Test User	User created successfully	User not displayed	❌ Fail	BUG_02
TC_05	Employee Mgmt	Verify adding employee	PIM → Add Employee → Save	Name: John Doe	Employee created successfully	Employee created successfully	✅ Pass	—
TC_06	Employee Mgmt	Verify editing employee details	Search employee → Edit details → Save	Update Job Title	Employee details updated	Employee details updated	✅ Pass	—
TC_07	Leave	Verify applying for leave	Leave → Apply → Select Type → Submit	Leave Type: Annual	Leave request submitted	No confirmation after submit	❌ Fail	BUG_03
TC_08	Leave	Verify leave approval	Leave → Assign → Approve	Approve Leave ID #123	Leave status updated	Leave approved successfully	✅ Pass	—

TC ID	Module	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status	Bug ID
TC_09	Recruitment	Verify adding a candidate	Recruitment → Add Candidate → Save	Candidate : Alice	Candidate created successfully	Candidate created successfully	✅ Pass	—
TC_10	Recruitment	Verify updating candidate status	Recruitment → Candidate → Update Status → Shortlist	Candidate : Alice	Status updated successfully	Status updated successfully	✅ Pass	—
TC_11	UI/UX	Verify dashboard navigation	Navigate to Dashboard	N/A	Links working fine	All links functional	✅ Pass	—
TC_12	UI/UX	Verify mobile responsiveness	Open app in mobile view	N/A	Proper responsive layout	Overlap on small screens	❌ Fail	BUG_04

5. Bug Report

Bug ID	TC ID	Module	Bug Description	Steps to Reproduce	Expected Result	Actual Result	Severity	Priority	Status
BUG_01	TC_02	Login	No error message for invalid login	Enter wrong password → Click Login	Should display error message	Page reloads without message	Major	High	Open
BUG_02	TC_04	Admin	User not added to system	Add user → Save	User should be listed	User not displayed	Critical	High	Open
BUG_03	TC_07	Leave	Leave request not confirmed	Apply for leave → Submit	Success confirmation expected	No confirmation shown	Major	Medium	Open
BUG_04	TC_12	UI/UX	Layout overlaps in mobile	Resize screen or open on mobile	Responsive layout expected	Text & buttons overlap	Minor	Low	Open

6. Test Summary Report

- **Project Name:** OrangeHRM – Manual Testing
- **Tester:** N H Padma Priya
- **Duration:** April 14 – April 17, 2025
- **Application URL:** https://opensource-demo.orangehrmlive.com/

6.1 Test Execution Overview

Module	Total Test Cases	Passed	Failed
Login	3	2	1
Admin	2	1	1
Employee Management	2	2	0
Leave	2	1	1
Recruitment	2	2	0
UI/UX	2	1	1
Total	13	9	4

6.2 Defect Summary

Total Defects	Critical	Major	Minor	Open	Closed
4	1	2	1	4	0

6.3   Observations

- Login module occasionally fails to display an error message for invalid credentials.

- Admin module's Add User function is inconsistent.

- Leave request submission sometimes does not show confirmation.

- Dashboard UI has responsiveness issues on mobile screens.

6.4 Conclusion

- **Functional Stability:** Most core features (Login, Employee Management, Recruitment) are stable.

- **Defects Found:** 4 (1 Critical, 2 Major, 1 Minor).

- **Recommendation:** Fix high-priority defects and retest before production rollout.