Test Summary Report

Project: OrangeHRM
Tester: Sandra K Pradeep
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Objective

The primary objective of this testing cycle was to validate key functionalities across selected OrangeHRM modules. The focus was on identifying functional, usability, and data-validation defects within the following areas:

1. Login Page

2. Dashboard

3. Admin → User Management → Users

4. My Info → Personal Details

5. Leave → Apply Leave

This report summarizes the testing activities and defects identified.

Scope of Testing

In Scope Modules:

- Login Authentication

- Dashboard Widgets & Navigation

- User Management (Admin Module)

- Personal Details (ESS User)

- Leave Application Workflow

Test Approach

- **Exploratory testing** performed.

- Focused on **negative scenarios**, **input validation**, and **basic functional flow**.

- Tested using the URL: *https://opensource-demo.orangehrmlive.com/*

- Roles used: Admin

Test Environment

- **Browser:** Google Chrome (Latest Version)

- **OS:** Windows 10

- **Build:** OrangeHRM Open Source Demo

Test Summary

Total Test Scenarios Executed	30
Passed	25
Failed	5

Defects Identified

Below are the major defects found during this test cycle:

Defect 1 – Weak Password Policy (Login Page)

- **Summary:** System allows login with extremely weak passwords (e.g., "admin"), showing no password complexity enforcement.

- **Severity:** Medium

- **Priority:** Medium

Defect 2 – Invalid Date of Birth Accepted (My Info → Personal Details)

- **Summary:** System allows users to save a future DOB (e.g., 2050), without validation, causing inaccurate personal data.

- **Severity:** Low–Medium

- **Priority:** Medium

Defect 3 – File Upload Accepts EXE Files (My Info → Photograph)

- **Summary:** User can upload unsupported file types (e.g., .exe). Validation happens only after full upload instead of restricting immediately.

- **Severity:** High

- **Priority:** High

Defect 4 – Duplicate Username Not Properly Validated (Admin → Users)

- **Summary:** System does not clearly prevent duplicate usernames or provides vague errors.

- **Severity:** High

- **Priority:** High

Defect 5 – Phone Number Field Allows Invalid Characters (My Info → Personal Details)

- **Summary:** Non-numeric characters (letters/symbols) are accepted in the phone field.

- **Severity:** Low

- **Priority:** Low

Defect 6 – Dashboard Widgets Do Not Refresh Automatically

- **Summary:** KPI widgets fail to reflect updated values until manual refresh.

- **Severity:** Medium

- **Priority:** Medium

Overall Assessment

The system demonstrates good baseline functionality.
However, major issues were found with **input validation**, **security controls**, and **error-handling mechanisms**, especially in:

- Login security

- Personal data integrity

- File upload validation

- User account management

These defects should be prioritized to improve security and ensure data consistency.

Recommendations

- Implement strong password policies.

- Add client-side + server-side validation for DOB, phone, and file types.

- Improve error messages and validation workflow.

- Refresh dashboard data automatically after critical changes.

- Prevent duplicate usernames at creation level.

Conclusion

Testing was completed successfully within the allocated timeframe. Multiple significant issues were identified that require attention. Once the reported defects are fixed and retested, the affected modules can be considered stable.