OrangeHRM Manual Testing Report

Task Overview

As part of this testing assignment, I have evaluated the OrangeHRM web application, focusing on two key areas:

1. Login Functionality
2. Employee Management (viewing, updating, and deleting employees)

The application under test is available at:
https://opensource-demo.orangehrmlive.com/web/index.php/auth/login

Demo login credentials are provided on the page. (Username: Admin, Password: admin123)

Test Cases for login Functionality:

Test Case ID	Test Steps	Expected Result	Actual Result	Status
TC_LOGIN_01	Open the login page	Login page loads successfully	Login page displayed	Pass
TC_LOGIN_02	Enter valid username & password then Click Login	Redirected to Dashboard	Dashboard appears	Pass
TC_LOGIN_03	Enter username only and Click Login	Error: "Password cannot be empty"	Error shown	Pass
TC_LOGIN_04	Enter password only and Click Login	Error: "Username cannot be empty"	Error shown	Pass
TC_LOGIN_05	Enter invalid credentials and Click Login	Error: "Invalid credentials"	Error shown	Pass
TC_LOGIN_06	Login and Refresh page	Should remain logged in (if session active)	Session persists	Pass
TC_LOGIN_07	Paste random string in fields and Click Login	Should not crash and show error	Handled correctly	Pass
TC_LOGIN_08	Use browser autofill or 'Remember Me'	User stays logged in (if supported)	Not supported	N/A

Potential Bugs or Usability Issues in Login Page: -

1. **No Caps Lock Alert**
– If a user accidentally leaves Caps Lock on while typing their password, the system doesn't show any warning. This might lead to failed login attempts and user frustration.

2. **No Security Check After Multiple Failed Attempts**
– The login page allows unlimited wrong login attempts without showing a CAPTCHA or temporarily locking the account. This could make the system vulnerable to hackers using brute-force methods to guess passwords.

3. **Unclear Error Message**
– When login fails, the system just shows "Invalid credentials" without saying whether the username or password is incorrect. A more helpful message (without giving away too much info) would improve the user experience.

Manual Test Script – Login Verification: -

Objective: Verify that valid users can log in successfully.

Steps:
1. Go to the login page.
2. Enter "Admin" in the username field.
3. Enter "admin123" in the password field.
4. Click the Login button.
5. Check if the user is redirected to the Dashboard.

Expected Result:
Dashboard should be displayed, and the user should see the profile icon.

Test Cases for Employee Management (View, Update, Delete): -

Test Case ID	Test Steps	Expected Result	Actual Result	Status
TC_EMP_01	Login and go to PIM then go to Employee List	All employees should be listed	Employee list loads	Pass
TC_EMP_02	Search by name or ID	Matching employee should appear	Employee found	Pass
TC_EMP_03	Select employee and Click Edit	Edit page should open	Edit page loads	Pass
TC_EMP_04	Edit details and save	Changes should be saved	Changes reflected	Pass
TC_EMP_05	Update with invalid input	Validation error should appear	Validation handled	Pass