

User Management Application Test Plan (STP)

Prepared By: Wajeh Otman

Date: 14/04/2025

Version: 1.0

1. Introduction

1.1 Purpose

This test plan outlines the testing activities for the User Management functionality in OrangeHRM. It ensures the system meets the specified requirements as defined in the FRD.

1.2 Scope

This plan covers system, functional, and user interface testing for search, add, edit, and delete user functionalities, performed by administrators.

1.3 References

[FRD file](#)

2. Test Items

- User Search Filters
- Add User Form
- Edit User Form
- Delete User Functionality
- Multi-Select Delete
- Validation Rules
- Confirmation Prompts
- Search Reset Function
- Success Notifications
- User List Display

3. Testing Strategy

3.1 Test Levels

System Testing

Acceptance Testing

3.2 Testing Types

Functional Testing

UI Testing

Negative Testing

3.3 Test Design Techniques

Requirements-Based Test Design

Boundary Value Testing

4. Test Environment

Hardware: 8GB RAM, Intel i5 processor, SSD storage

Software: Windows 10, Chrome (latest), PostgreSQL, OrangeHRM staging instance

Test Data: Admin credentials, valid/invalid usernames, employee names, statuses (Enabled/Disabled), etc.

5. Test Plan

1. Verify search by username returns correct results.
2. Verify search by employee name returns correct results.
3. Verify search by user role filters accurately.
4. Verify search by status (Enabled/Disabled) functions correctly.
5. Verify 'Reset' button clears all search filters.
6. Verify admin can access the 'Add User' form.
7. Verify required fields validation in 'Add User' form.
8. Verify unique username validation in 'Add User'.
9. Verify password strength validation in 'Add User'.
10. Verify successful user creation with valid input.
11. Verify new user appears in user list after adding.
12. Verify admin can access the 'Edit User' form from user list.
13. Verify existing user data is pre-filled in the edit form.
14. Verify validation errors when editing user with empty required fields.
15. Verify successful update of user details.
16. Verify single user deletion with confirmation prompt.
17. Verify multi-user selection and deletion with confirmation prompt.
18. Verify deleted users no longer appear in user list.
19. Verify success message on successful user operations.
20. Verify error message on failed operations (e.g., duplicate username).
21. Verify UI responsiveness and layout on different screen sizes.
22. Verify admin cannot submit forms with missing mandatory fields.
23. Verify actions are logged in the system for audit purposes.

6. Roles and Responsibilities

Test Manager: Wajeh Otman – Responsible for test planning

Test Engineers: QA Team – Responsible for test execution and reporting

7. Schedule

Activity	Start Date	End Date	Responsible
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Test Plan Preparation	2025-04-14	2025-04-15	Test Manager
Test Case Development	2025-04-15	2025-04-17	QA Team
Test Execution	2025-04-18	2025-04-20	QA Team

8. Test Deliverables

- Test Plan
- Test Cases
- Test Reports
- Defect Logs
- Test Summary Report

9. Entry and Exit Criteria

Entry Criteria:

- Test environment is ready
- All test cases are reviewed

Exit Criteria:

- All high-priority defects are resolved
- 95% test case execution is complete

10. Risks and Mitigation

Risk: Environment setup delay

Mitigation: Use mock data and local test setup temporarily

11. Approvals

Name	Role	Signature	Date
Wajeh Otman	Project Manager		2025-04-14
QA Lead	QA Lead		2025-04-14