

Functional Requirements Document (FRD) for User Management in OrangeHRM Admin Panel

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Project Name: OrangeHRM User Management Functionality

Approved by:

1. Introduction

Purpose

The purpose of this document is to define the functional requirements for user management by the administrator in the OrangeHRM system. This includes user search, add, edit, and delete functionalities within the admin dashboard.

Scope

This FRD focuses exclusively on the "User Management" functionality available to administrators, including the ability to search, add, edit, and delete users within the system. It outlines how these operations should function, the required validations, and the expected user interface behavior for each action.

2. Feature Overview

The User Management feature allows administrators to:

- Search for users by multiple filters.
- Add a new user to the system.
- Edit an existing user's details.
- Delete one or more users with confirmation prompts.

3. Functional Requirements

3.1 User Search

- FR 1: Admin can search by:
 - Username
 - User Role
 - Employee Name
 - Status (Enabled/Disabled)

- FR 2: Search results should be dynamically filtered based on selected criteria.
- FR 3: A reset option should clear all filters and restore the default view.

3.2 Add User

- FR 4: All the following fields are required:
 - User Role
 - Status
 - Employee Name
 - Username
 - Password
- FR 5: The system must validate:
 - Username is unique.
 - Password meets security criteria.
- FR 6: Successful creation should redirect the admin back to the user list with a success notification.

3.3 Edit User

- FR 7: Editable fields:
 - User Role
 - Status
 - Employee Name
 - Username
 - Password
- FR 8: All fields must be filled before saving.
- FR 9: Edited data must be validated before submission.
- FR 10: Successful update should show a success notification and return to the user list.

3.4 Delete User

- FR 11: Admin can select one or more users using checkboxes.
- FR 12: Upon clicking delete:
 - A confirmation notification must appear.
 - Admin must confirm the action before users are deleted.
- FR 13: Deleted users should be removed from the user list with a success notification.

4. Non-Functional Requirements

- NFR 1: All operations should complete within 2 seconds.
- NFR 2: The interface must be responsive on both desktop and tablet devices.
- NFR 3: All actions must be logged for auditing purposes.
- NFR 4: All communication must occur over HTTPS.

5. User Interface (UI) Requirements

- UIR 1: Filters for search should be clearly labeled.
- UIR 2: Action buttons (Add, Edit, Delete) should be prominently displayed and appropriately styled.

- UIR 3: Confirmation dialogs for deletions must include cancel and confirm options.

6. Acceptance Criteria

- Admin can successfully search users by all listed fields.
- Admin can add a user when all fields are valid and filled.
- Admin can edit a user, and all changes are reflected in the user list.
- Admin can delete one or multiple users after confirming the action.
- System displays clear success/failure notifications for each operation.

7. Assumptions

- Admin is authenticated and authorized to perform user management.
- Employee names are already available in the system (auto-suggested or dropdown).
- No external API is required for these functions.

8. Out of Scope

- Role permission creation or management.
- Password recovery/reset functionalities.
- Notification settings or audit logs view.