

User Management Screen

Overview

The User Management screen consists of two main sections: a frame for new user registration and a frame for displaying a list of users. In the registration frame, input values should be validated to prevent potential security vulnerabilities, such as SQL injection. Although it is a UI design, the entered user information should be checked in the database to ensure data integrity. For the email input field, it would be user-friendly to provide a list of popular email providers after the "@" symbol. Regarding security, the regular expressions used for validation should exclude the "+" sign before country codes for emails and phone numbers. The Username, Display Name, Phone, and Email fields should be implemented as input boxes, while User Roles should use a "select" component. For the "Enabled" option, a "checkbox" component should be used.

User Registration Frame

- **Username:** Input box for entering the username.
- **Display Name:** Input box for entering the display name.
- **Phone:** Input box for entering the phone number.
- **Email:** Input box for entering the email address.
 - Provide a dropdown list of popular email providers after the "@" symbol.
- **User Roles:** Select component for choosing the user role (Guest, Admin, SuperAdmin).
- **Enabled:** Checkbox component for enabling/disabling the user account (default: enabled).

Save User: Button to save the user details (disabled until all required fields are completed).

Initial State

The User Management screen should display a blank user registration form.

User Input Validation

- Validate the input fields to prevent security vulnerabilities and ensure data integrity.
- Alert the user if they provide a taken username, used email, or phone number.
- Display an alert if any required field is left empty.
- Disable the "Save User" button until all required fields are completed.

User List Frame

- **New User:** Button to navigate to the user registration form.
- **Hide Disabled User:** Select component for filtering disabled user accounts.

User List Table

- Each column header allows sorting based on its criteria (independent sorting).
- Default sorting order: Ascending by ID.