

User Interface Specification (UIS)

Requirements

The User Management screen aims to provide administrators with the ability to manage user accounts efficiently. The key requirements for this screen are as follows:

1. Display a user table showing the following columns:
 - User ID: A unique identifier for each user.
 - Username: The username associated with the user.
 - Email: The email address associated with the user.
 - Enabled: A Boolean value indicating whether the user account is enabled (True) or disabled (False).
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2. Provide a checkbox to hide disabled users from the user table.
3. Include a button for creating new user accounts.
4. When the "Create New User" button is clicked, open a new user form pre-filled with fields for Username, Display Name, Phone, Email, User Roles, and Enabled.
5. User Roles should have three options: Guest, Admin, and Superadmin.
6. Allow administrators to enable or disable a user account using a checkbox.
7. Include a "Save User" button in the new user form to save the entered details and create the new user account.
8. Implement sorting functionality in the user table to sort by User ID, Username, Email, or Enabled.

User Interface Components

User Table

The user table is a visual representation of existing user accounts and includes the following columns:

ID	User Name	Email	Enabled
1	AdminUser	admin@piworks.net	true
2	Test User	testuser@piworks.net	true

Checkbox for Hiding Disabled Users

A checkbox labeled "Hide Disabled Users" is provided to allow administrators to filter out disabled users from the user table. When checked, only enabled users will be displayed. Unchecking the checkbox will reveal all users, including disabled ones.

Creating New Users Function

A button labeled "New User" is available to initiate the process of adding a new user account.

New User Form

The new user form allows administrators to enter the following details for creating a new user account:

- Username: [Text Field]
- Display Name: [Text Field]
- Phone: [Number Field]
- Email: [Text Field]
- User Roles: [Dropdown Menu]
 - Guest
 - Admin
 - Superadmin
- Enabled: [Checkbox]

Save User Button

A "Save User" button is present in the new user form. Clicking this button triggers the user creation process, validating the inputs and saving the new user account with the specified information.

Page Behavior

- When the User Management screen is initially loaded, the user table will be displayed, showing all existing users by default.
- If the "Hide Disabled Users" checkbox is checked, only enabled users will be shown in the user table. If unchecked, all users, including disabled ones, will be displayed.
- Clicking the "Create New User" button opens the new user form, which is populated with fields for Username, Display Name, Phone, Email, User Roles, and Enabled.
- Administrators can fill in the necessary information in the new user form, select the appropriate user role from the dropdown menu, and choose whether to enable or disable the user account using the checkbox.
- Clicking the "Save User" button validates the entered information and creates a new user account with the provided details.

By following the specified requirements and incorporating the described UI components and page behavior, developers can create a user-friendly User Management screen for efficient user account management within the application.