

User Interface Specification Document

P.I. Works Technical Questionnaire

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Requirements:

- Any type of database which can store information about users. SQL is preferred.
- Database must be active while showing these page because it needs to show information from database.
- Initially a SuperAdmin must be added to database because only SuperAdmins can access the page.

Actors:

- SuperAdmin
 - Can access to User Management Screen
 - Can add users to system
 - Have highest authority
- Admin
- Guest
 - Default user type
 - Can only see content of other pages of website without interacting
 - Doesn't have any specific authority in system

Functionality of Pages:

- User Management Screen:
 - SuperAdmins can add any type of users to system

Pages and Components:

- User Management Screen: Have 2 rows and second row have 2 columns
 - Header: First row of the UI
 - New User, Hide Disabled User, Save User:
 - User List: Placed in second row and first column
 - ID, User Name, Email, Enabled
 - New User Form: Placed in second row and second column
 - Username, Display Name, Phone, Email, User Roles (Guest, Admin, SuperAdmin), Enabled

Detailed Component Information:

- Header: A Header for controlling overall page, components in order from left to right:
 - New User: A HTML button, has different styling than other buttons for visual aid.
 - Hide Disabled User: A HTML checkbox, placed next to the New User
 - Save User: A HTML button which is not active until specific conditions fulfilled, placed far right of the row.
- User List: A database styled list, components in order from top to bottom. Every added user's information shown under these fields. Can be sorted by these fields
 - ID: An integer value represents id of user
 - User Name: A string represents username of user
 - Email: A email type represents email of user
 - Enabled: A Boolean represents status of user (Enabled/Disabled)
- New User Form: A HTML form, components in order from top to bottom
 - Header: Form has a header with value "New User", has different coloring than other parts of form
 - Body: Default HTML form body
 - Username: A string represents username of user
 - Display Name: A string represents display name of user
 - Phone: A int value represents phone of user
 - Email: A email type represents email of user. Email type needs "@" in it.
 - User Roles: A dropdown menu with 3 choices (Guest, Admin, SuperAdmin), can only select one user role.
 - Enabled: A checkbox represents status of user (Enabled/Disabled)

Component Interactions:

- New User button
 - If New User Form not presented in screen, when clicked displays New User Form next to the User List
 - If New User Form presented in screen, when clicked deletes New User Form
- Hide Disabled User checkbox
 - If it is checked, User List only shows enabled users which have Enabled boolean is true
 - If it is not checked, User List shows every users
- Save User button
 - If New User Form is filled correctly, user can click to button and when user clicked submits New User Form and new user shown in User List. Deletes New User Form from screen.
 - If New User Form is not filled, user can click to button

Initial State:

- Page will show Header and User List components only
- Hide Disabled User will be unchecked

- Save User button is not active