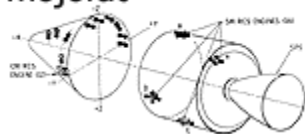


# Design Document Example | Functional Spec Tutorial

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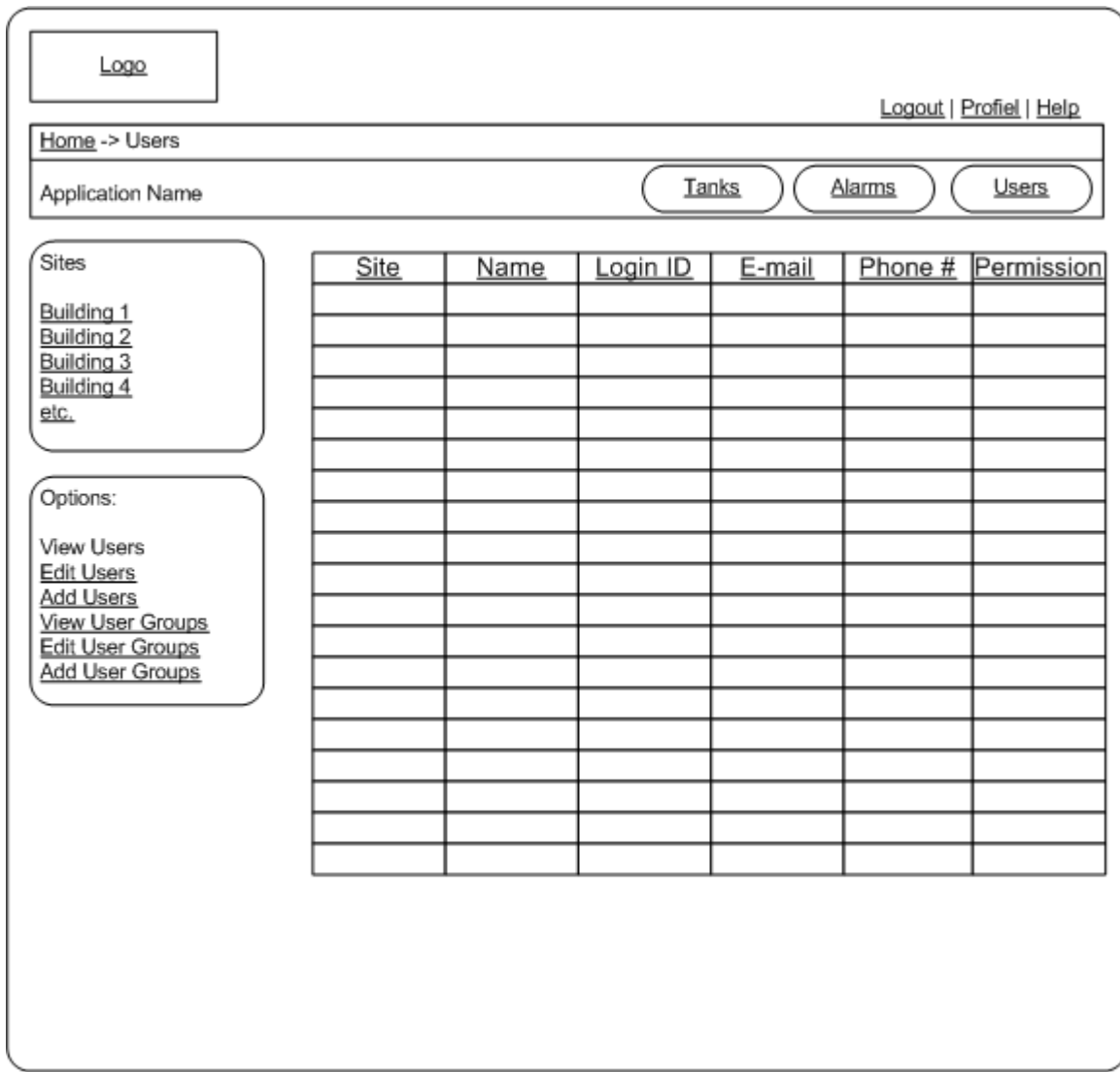
## **6.0 Users**

The users section is how people are entered into the system. From here, they will enter in and maintain the information used to notify them of alarms and assign their level of permissions for viewing and administering the tank monitoring application.

### **6.0a View Users**

This is the default screen the user views after selecting "Users" from the top navigation.

- 6.1 View User Table** -This table displays all current users and their associated user information. The table is organized by the following columns:
- **Site** -Lists the site of responsibility (need to find out if this is Useful). When selected, it will take the user to the summary view of that site.
  - **Name** -Displays the full name of the user, not selectable.
  - **Login ID** -Displays the login ID used to access the application. Selecting it takes the user to a page displaying all information about that user.
  - **E-mail** -Displays the e-mail address of the user. Selecting it opens up their e-mail and prepares a message to be sent.
  - **Phone** -Displays the phone number for the user
  - **Permission**-Displays whether they have admin rights or they can only read data.



**6.2 View User** -This page displays the information associated with a selected user:

- Name
- E-mail
- Alternate E-mail
- Street Address
- City
- State
- Zip Code
- Country
- Login ID
- Phone Number
- Fax Number
- Time Zone

- **Notification Schedule**
- **Permissions**

The screenshot shows a web application interface for viewing and editing a user profile. The interface is enclosed in a rounded rectangular border. At the top left, there is a box labeled "Logo". At the top right, there are links for "Logout", "Profile", and "Help". Below these, a breadcrumb trail reads "Home -> Users -> View User". A horizontal bar contains the text "Application Name" on the left and three buttons labeled "Tanks", "Alarms", and "Users" on the right. Below this bar is a "Title Bar" containing the text "View User". On the left side, there are two vertical panels. The top panel is titled "Sites" and contains links for "Building 1", "Building 2", "Building 3", "Building 4", and "etc.". The bottom panel is titled "Options:" and contains links for "View Users", "Edit Users", "Add Users", "View User Groups", "Edit User Groups", and "Add User Groups". The main content area on the right lists various user attributes: "Name: (name)", "E-mail: (e-mail)", "Alternate E-mail: (2<sup>nd</sup> e-mail)", "Street Address: (street)", "City: (city)", "State: (state)", "Zip Code: (zip)", "Country: (country)", "Login ID: (login ID)", "Phone Number: (phone #)", "Fax Number: (fax #)", "Time Zone: (time zone abbr.)", "Notification Schedule: (day/time when user can be notified of alarm)", and "Permissions: (admin/read)". At the bottom center, there is an "Edit" button.

### 6.0b **Edit Users**

Unless the user selects to edit a specific user they are viewing, they must first select a user to edit before actually editing the user. This section allows the user to select a user to edit.

**6.3 Select User to Edit Table** - This table lists a basic summary view of all current users (note: if more than 40 rows need to be displayed, we should break these up into separate pages), with the table split up into the following columns:

- **Name** -Displays the full name of the user. If selected, it takes



- **Login ID** -User's login ID
- **Phone Number** -User's phone number
- **Fax Number** -User's fax number
- **Time Zone** -User's time zone
- **Notification Schedule** -Current notification schedule for the user (checked days indicate that an alarm can be sent to them during those days, and the start/end time indicate at what times during those days they can be notified).
- **Permissions** -Displays whether they are an admin or only a reader.

Logo

[Logout](#) | [Profile](#) | [Help](#)

[Home](#) -> [Users](#) -> Edit Users

Application Name

Tanks

Alarms

Users

Sites

[Building 1](#)

[Building 2](#)

[Building 3](#)

[Building 4](#)

[etc.](#)

Title Bar

Name:

E-mail:

Alternate E-mail:

Street Address:

City:

State:

Zip Code:

Country:

Login ID:

Phone Number:

Fax Number:

Time Zone:

Notification Schedule: S  M  T  W  R  F  S

Start Time  To End Time

Permissions:

Update

Cancel

**6.0c Add User**

This section allows an admin to add a new user.

**6.5 Add User** -The following fields are required for adding a new user (should decide whether all are required or only a subset):

- **Name**
- **E-mail**
- **Alternate E-mail**
- **Street Address**
- **City**
- **State**
- **Zip Code**
- **Country**
- **Login ID**
- **Phone Number**
- **Fax Number**
- **Time Zone**
- **Notification Schedule**
- **Permissions**

**6.0d View User Groups**

User groups are groups of people who will collectively receive an alarm notification (that's really the only thing a user group is used for in this application).

**6.6 View User Groups Table** -This table is split into two columns:

- **Site** -Displays the site associated with the user (not sure if this is necessary).
- **Group Name** -Displays the name assigned to the user group. Selecting this will take the user to a page detailing the information for that user group.

The screenshot shows a web application interface. At the top left is a **Logo** box. At the top right are links for [Logout](#), [Profile](#), and [Help](#). Below these is a breadcrumb trail: [Home](#) -> [Users](#) -> [View User Groups](#). Underneath is an **Application Name** field and three buttons: [Tanks](#), [Alarms](#), and [Users](#). The main content area is divided into two sections. On the left, there is a **Sites** list containing [Building 1](#), [Building 2](#), [Building 3](#), [Building 4](#), and [etc.](#). Below this is an **Options:** section with links for [View Users](#), [Edit Users](#), [Add Users](#), [View User Groups](#), [Edit User Groups](#), and [Add User Groups](#). On the right is a table with two columns: **Site** and **Group Name**. The table has 15 rows, with the first row containing the column headers and the remaining 14 rows being empty.

- 6.7 View User Group** -This page displays the information for the selected user group:
- **Group Name** -Name assigned to the user group.
  - **Group Members** -Lists all Login IDs associated with this user group.
  - **Notification Schedule** -Displays the notification schedule for this user group.

The screenshot shows a web application interface for editing user groups. At the top left is a **Logo**. At the top right are links for [Logout](#), [Profile](#), and [Help](#). Below these is a breadcrumb trail: [Home](#) -> [Users](#) -> [View User Groups](#) -> [Group Name](#). Underneath the breadcrumb is an **Application Name** field and three buttons: [Tanks](#), [Alarms](#), and [Users](#). On the left side, there is a **Sites** list containing [Building 1](#), [Building 2](#), [Building 3](#), [Building 4](#), and [etc.](#). Below the sites is an **Options:** section with links for [View Users](#), [Edit Users](#), [Add Users](#), [View User Groups](#), [Edit User Groups](#), and [Add User Groups](#). The main content area features a **Title Bar** and three text fields: **Group Name:** (user group name), **Group Members:** (list members of group), and **Notification Schedule:** (Day/Time set to receive alarms). An [Edit](#) button is located below the notification schedule field.

### 6.0e **Edit User Groups**

Unless the user has selected to edit a user group from the View User Group page, they will need to first select a user group to edit.

- 6.8 Select User Group to Edit Table** -This table lists all current user groups.
- **Group Name** -Displays the user group name. If selected, it takes the user to the Edit User Group page.
  - **Site** -Lists the sites associated with the user group (not sure if this is necessary).



Logo

[Logout](#) | [Profile](#) | [Help](#)

Home -> [Users](#) -> Edit User Group

Application Name [Tanks](#) [Alarms](#) [Users](#)

**Sites**

[Building 1](#)  
[Building 2](#)  
[Building 3](#)  
[Building 4](#)  
[etc.](#)

**Options:**

[View Users](#)  
[Edit Users](#)  
[Add Users](#)  
[View User Groups](#)  
[Edit User Groups](#)  
[Add User Groups](#)

Title Bar

**Add Group Member:**

End Time

**Current Group:**

**Group Name:**

**Notification Schedule:**

S  M  T  W  R  F  S

Start Time  To End Time

### 6.0f Add User Group

This section allows the user to add a new user group.

#### **6.10 Add User Group**

-To form a user group, at least two users must be added and a group name must be established. The following fields must be set:

- **Current Group** -The user must select users from the “Add Group Member” dropdown menu and select the “Add” button to add them to the “Current Group” box. Once entered in this box, an alarm name must be established and the notification schedule set.
- **Group Name** -Allows the user to set a group name.
- **Notification Schedule** -Allows the user to set the days and times the group can be notified about an alarm.

[Logo](#)

[Logout](#) | [Profile](#) | [Help](#)

[Home](#) -> [Users](#) -> Add User Group

Application Name [Tanks](#) [Alarms](#) [Users](#)

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**Sites**

- [Building 1](#)
- [Building 2](#)
- [Building 3](#)
- [Building 4](#)
- [etc.](#)

**Options:**

- [View Users](#)
- [Edit Users](#)
- [Add Users](#)
- [View User Groups](#)
- [Edit User Groups](#)
- [Add User Groups](#)

**Title Bar**

**Add Group Member:**

End Time

**Group Name:**

**Current Group:**

**Notification Schedule:**

S  M  T  W  R  F  S

Start Time  To End Time