**Use Case**

**Name:** Editing Page **ID:** UC-3 **Priority:** H

**Created:** Nov. 12, 2019 **Last Modified:** Nov. 14, 2019

**Actor:** System User

**Description:** The user is permitted access to add, update, or delete users by clicking the add, update, or delete buttons on the editing page.

**Trigger:** The Senior Account Manager wants to add, update, or delete any other users.

**Type:** External

**Preconditions:**

1. The user is authenticated and logged in the system.
2. The user is on the correct screen/form to perform this action.

**Normal Course:**

N1. The user clicks either the add, update, or delete button on the editing web form.

1. The form contains the following buttons: Add, Update, or Delete
   1. If the button is clicked, it will take the user to the next page that will allow the editing to take place.
   2. If no button is clicked, the user will remain on the same page until further action takes place.

**Post Conditions:**

P1. If button is clicked the user will be at the page desired.

1. If page loads and has fields that can be edited, then it was successful.

**Exceptions:**

There are no exceptions.

**Use Case**

**Name:** Add User Page **ID:** UC-4 **Priority:** High

**Created:** Nov. 14, 2019 **Last Modified:** Nov. 14, 2019

**Actor:** System User

**Description:** The user enters the information needed to create a new user that will have access to reports.

**Trigger:** The Senior Account Manager would like to create a new user for the system.

**Type:** External

**Preconditions:**

1. The user is on the right screen/form to perform this action.
2. The user is authorized to access the form that allows them to create new users.
3. The “add” button has been clicked on the editing form and the new page has loaded.

**Normal Course:**

N1. The user fills out the form with the necessary information needed to create a new user.

1. The form contains the following required fields: First name, last name, title, and email. These will all be numbers/letters for type.
   1. If any of the required fields are empty, or a field is filled with invalid characters or exceeds length specified by the data type, then a red caption appears warning user of invalid entry.
   2. The submit button will not be activated unless all the required fields are provided and valid.
2. The user clicks the submit button. The following actions can occur:
   1. The user already exists, see E1.
   2. The user information is recorded in the system.

**Post Conditions:**

P1. Successful submission of the user form.

1. A message box is displayed on the screen notifying the user that the submission has been successful.
2. The user information is recorded and stored in the database.

**Exceptions:**

E1 – The user account already exists within the database.

1. The user is notified that the account already exists and is given the option to update the information if needed.
2. Nothing is recorded in the database in this scenario.

**Use Case**

**Name:** Update User Page **ID:** UC-5 **Priority:** High

**Created:** Nov. 14, 2019 **Last Modified:** Nov. 14, 2019

**Actor:** System User

**Description:** The user enters the information needed to update a new user.

**Trigger:** The Senior Account Manager would like to update user that has access to the system.

**Type:** External

**Preconditions:**

1. The user is on the right screen/form to perform this action.
2. The user is authorized to access the form that allows them to update new users.
3. The “update” button has been clicked on the editing form and the new page has loaded.

**Normal Course:**

N1. The user fills out the form with the necessary information needed to update a new user.

1. The form contains the following required fields: First name, last name, title, and email. These will all be numbers, letters, or one “@” symbol for type and they will be entered in a text box.
   1. If any of the required fields are empty, or a field is filled with invalid characters specified by the data type, then a red caption appears warning user of invalid entry.
   2. The submit button will not be activated unless all the required fields are provided and valid.
2. The user clicks the submit button. The following actions can occur:
   1. The user information is recorded and updated in the system.
   2. The user does not currently exist within the database, see E1.

**Post Conditions:**

P1. Successful submission of the user form.

1. A message box is displayed on the screen notifying the user that the update has been successful.
2. The user information is updated, and the new information is stored in the database.

**Exceptions:**

E1 – The user account does not exist within the database.

1. The user is notified that the user does not exist within the database currently, thus cannot be updated with this new information.
2. Nothing is recorded or updated in this scenario.

**Use Case**

**Name:** Delete User Page **ID:** UC-6 **Priority:** High

**Created:** Nov. 14, 2019 **Last Modified:** Nov. 14, 2019

**Actor:** System User

**Description:** The user will enter in necessary info to delete an existing user.

**Trigger:** The Senior Account Manager would like to delete user that has access to the system.

**Type:** External

**Preconditions:**

1. The user is on the right screen/form to perform this action.
2. The user is authorized to access the form that allows them to delete users.
3. The “delete user” button has been clicked on the editing form and the new page has loaded.

**Normal Course:**

N1. The user fills out the form with the necessary information needed to delete a user.

1. The form contains the following required fields: First name, last name, and email. These will all be numbers, letters, or one “@” symbol for type and they will be entered in a text box.
   1. If any of the required fields are empty, or a field is filled with invalid characters specified by the data type, then a red caption appears warning user of invalid entry.
   2. The delete button will not be activated unless all the required fields are provided and valid.
   3. The user account that will be deleted must be a valid and active account. If not, see E1.
2. The user clicks the submit button. The following actions can occur:
   1. The user information is deleted from the system.
   2. The user does not currently exist within the database, also see E1.

**Post Conditions:**

P1. Successful deletion of the user.

1. A message box is displayed on the screen notifying the user that the deletion has been successful.
2. The user information is removed from the database.

**Exceptions:**

E1 – The user account does not exist within the database.

1. The user is notified that the user does not exist within the database currently, thus cannot be deleted.
2. Nothing is removed or updated in this scenario.