Tyler Elton

CSC483 - Winter 2018

Dr. Allison

Group members: Jason Moehlman, Zach Nelson, Gary Landrum, Brandon Krug

Group name: Team ; DROP DATABASE;--

Use case ID: wb-04.2 - Edit User

Senario

Actor: Admin of the system

Pre-conditions:

1. Web page has been activated.
2. The instructor must be logged into the system.

Description:

1. *Use case begins* when the admin accesses the users portion of the admin dashboard.
2. The admin clicks on the link to the user they wish to edit.
3. The system shall display the user's individual page displaying all of their current information.
4. The admin shall then click on the "Edit User" button. The system will then display a form with the current information already filled out.
5. The admin changes the information they wish the change about the user, along with any changes to the role of the user. The admin shall then click the "Save" button to save the user's new information.
6. The system will then process the request to attempt to save the new information to the user.
7. *Use case ends* when the system notifies the admin if the request was successful. It will redirect the admin to the individual user's display page if successful, or the listing of all users if unsuccessful.

Alternative Courses of Action:

1. In step D.5 (step 5 of the Description section), the admin has the option to click a "Cancel" button to cancel the edit of the user.

Exceptions:

1. The website cannot connect to the database to pull all of the available users. This will not allow the editing of a user.
2. The website cannot process the request due to the email address entered not being unique in the database. Only one entry of an email address can be stored in the database. The admin will have to change the desired email address to save the user.

Related Use Cases:

1. wb-04.1 - Create User
2. wb-04.3 - Delete User

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Decision Support:

Frequency: On average, at least 0-5 users will be edited per week.
Criticality: High. Allows the instructor to report any problems encountered with the system.
Risk: Medium. Implementing this use case employs standard web-based technology.

Constraints:

1. *Performance* - must keep up with many requests to edit multiple users simultaneously.
2. *Reliability* - must be readily available at all times to keep up with the multiple requests.
3. *Availability* - must be available at all times and be available anywhere (on/off campus).
4. *Maintainability* - must be maintained throughout the lifetime of the system.