

ConnectASU use cases

Create Account

Pre-conditions

The user does not already have an account.

Post-conditions

A new user account is created and saved to the database.

Basic scenario:

1. The user enters an email and password and presses the sign-up button.
2. The mail is validated.
3. The password is validated.
4. The account is saved to the database.
5. The user is redirected to the login screen.

Exception scenario invalid mail:

- 2.1 Show invalid email error message.

Exception scenario invalid password:

- 3.1 Show invalid password message.

Login

Pre-conditions

The user has signed up.

Post-conditions

The user is logged into the system and is redirected to the database.

Basic scenario:

1. The user enters an email and password and presses the login button.
2. The mail is validated.
3. The password is validated.
4. The user is redirected to the feed page.

Exception scenario invalid mail:

- 2.1 Show invalid email error message.

Exception scenario invalid password:

- 3.1 Show invalid password message.

Follow a Person

Pre-conditions

User 1 is logged into the system and is on the profile page of user 2 and user 1 is not already following user 2.

Post-conditions

User 1 is now following user 2.

Basic scenario:

1. User 1 pressed the follow button in user 2's profile page.
2. The following is saved in the database.
3. The text in the button now says "following" instead of "follow".

Create Post

Pre-conditions

The user is logged into the system and is on the create post page.

Post-conditions

The post is saved to the database and will now be featured to the followers of the user.

Basic scenario:

1. The user enters the post's text in the text area.
2. The user selects whether he/she wants to share it to his/her profile or to a group.
3. The post is saved in the database.
4. The user is redirected to the feed page.

Exception scenario empty post:

- 1.1 Display invalid post message.

View Feed

Pre-conditions

The user is logged into the system.

Post-conditions

Relevant posts to the users are displayed.

Basic scenario:

1. Get the relevant posts from the database.
2. Display the posts on the screen.

Create Group

Pre-conditions

User is logged into the system and is on the create group page.

Post-conditions

A new group is created and saved to the database containing the user and the selected users.

Basic scenario:

1. The user enters the group name.
2. The user presses the start group button.
3. Validate group name.
4. The group is created and saved to the database.
5. The user is redirected to the group page.

Exception scenario:

- 2.1 Show invalid name message.

Join Group

Pre-conditions

The user is logged into the system and is on the group's page and has not already joined the group.

Post-conditions

The user is added to the group.

Basic flow:

1. The user presses the join button.
2. The user is added to the group in the database.
3. The text in the button changes from "join" to "joined".

Exception scenario:

- 1.1 Show already in the group message.

View Group Posts

Pre-conditions

The user is logged into the system and is on the group's page and is part of the group.

Post-conditions

Group posts are displayed.

Basic scenario:

1. Get the group posts from the database.
2. Display the posts on the screen.

Exception scenario not part of the group:

1. Do not display the group posts on the screen.

Like posts

Pre-conditions

The user is logged into the system and is on the feed page or group's post page.

Post-conditions

A like by the user is added to the post and saved to the database.

Basic scenario:

1. The user presses the like button of a post.
2. The like is saved to the database.

Comment on Post

Pre-conditions

The user is logged into the system and is on the feed page or group's post.

Post-conditions

The user's comment is added to the post.

Basic scenario:

1. Write the comment in the comment box.
2. Press the comment button.
3. Save the comment to the database.

Exception scenario empty comment:

- 2.1 Show invalid comment message.

Share Post

Pre-conditions

The user is logged into the system and in the feed page or a group's page.

Post-conditions

The post is added to the user's posts.

Basic scenario:

1. The user presses the share button on a post.
2. The post is added to the user's posts in the database.

View Profile

Pre-conditions

The user is logged into the system and has been redirected to another user's profile page.

Post-conditions

The other user's profile and posts are displayed.

Basic scenario:

1. Get the other user's information from the database.
2. Get the other user's posts from the database.
3. Display the other user's information and posts on the screen.

Search People and Groups

Pre-conditions

The user is logged into the system and is on the search page.

Post-conditions

The search results are displayed.

Basic scenario:

1. The user enters the search query in the search box.
2. The user presses the search button.
3. Get the matching results from the database.
4. Display the results in a list.

Exception scenario empty query:

1. Display invalid search message.

Leave Group

Pre-conditions

The user is logged into the system and is on the group's page and is part of the group.

Post-conditions

The user is not a part of the group.

Basic scenario:

1. The user presses the joined group button.
2. The user is removed from the group in the database.
3. The text in the button now says "join" instead of "joined".

Exception scenario not part of the group:

- 1.1 Display cannot leave group message.

View Own Profile

Pre-conditions

The user is logged into the system and has been redirected to his profile page.

Post-conditions

The user's information and posts are displayed on the screen.

Basic scenario:

1. Get the user's information from the database.
2. Get the user's posts from the database.
3. Display the user options and information and posts on the screen.

Unfollow a Person

Pre-conditions

User 1 is logged into the system and is on user 2 profile page and user 1 is following user 2.

Post-conditions

User 1 is not following user 2.

Basic scenario:

1. User 1 presses the unfollow button.
2. User 2 is removed from the following list of user 1 in the database.
3. The text in the box now says “follow” instead of “following”.