

Use Case Documentation

for

signed-in users

1. Post something on the feed

Identifier: UC13

Name: Create post

Goal: To create and post content on your feed

Related Use Cases: UC4 is required

Precondition:

The user should be signed in as an organization or individual

Trigger:

User clicks on the make post button

Actors:

Website user, Database System

Main Scenario:

1. The user gets redirected to the make post page.
2. User provides post title, post subject and post description to be posted.
3. User can upload images which is optional.
4. The user posts the post.

Extensions:

* a: if system fails:

User is taken to menu

2.a If the data in given format cannot be posted:

User is not allowed to post until he corrects the format.

Post Conditions:

User is taken to the page where he can view the post which is he posted.

Special Requirements:

The system should be able to handle data, and transfer it, and update it in the database system.

The system should be easy to interact for the users.

2. Search Profiles

Identifier: UC14

Name: Search for user profiles

Goal: To search profiles

Related Use Cases: UC4 is required, related to UC15

Precondition:

The user should be signed in as an organization or individual

Trigger:

User clicks on search profiles in the individual or organisation page at top

Actors:

Website user, Database System

Main Scenario:

1. The user types the username or name
2. User can also click on deep search option (optional)
3. User gets relevant results
4. User can view the profiles

Extensions:

- * a: if system fails:
 - User is taken to menu
- 2.a: if no such profile exists:
 - No profile is showed, and an error message is shown
- 3.a: if no such profile exists:
 - No profile is showed, and an error message is shown
- 4.a: if user do not want to view the profile:
 - they can go back to the menu

Post Conditions:

User is taken to the profile page of the account he selected to view

Special Requirements:

The system should use a fast algorithm to search through the database quickly

3. View Profile

Identifier: UC15

Name: View Profile

Goal: to view profile of another user

Related Use Cases: UC4 is required, related to UC14

Precondition:

The user should be signed in as an organization or individual

Trigger:

User clicks on a profile

Actors:

Website user, Database System

Main Scenario:

1. User clicks on visit profile
2. User can view details

Extensions:

* a: if system fails:

User is taken to menu

2.a: if the profile is not existing:

Error message is shown, user is taken back to the menu

Post Conditions:

User can send request to the profile and view the posts and bio

Special Requirements:

The database should execute the queries very quickly and use fast algorithms to extract data from the database.

The data should be displayed in such a format that can be viewed and understood by users easily.

4. Chat

Identifier: UC16

Name: Chat

Goal: To chat with someone

Related Use Cases: UC4 is required, UC14 and/or UC15 are preconditions

Precondition:

The user should be signed in as an organization or individual

Trigger:

User clicks on chat option in the menu

Actors:

Website user, Database System

Main Scenario:

1. User should select a user profile to chat with
2. The concerned profile should have accepted the request
3. User types a message to be sent
4. User clicks on send button
5. The message is sent

Extensions:

* a: if system fails:

User is taken to menu

1.a if there are no options to chat with:

User needs to send a request to chat with them, and cannot chat until they accept the request.

2.a if the concerned profile has not accepted the request:

User needs to wait until they accept the request.

5.a if the message is not sent

User is asked to wait for a while for the message to be sent

Post Conditions:

User can send more messages or wait for the concerned user's reply.

Special Requirements:

The system should be able to transfer huge data chunks from one section of database to the other.

System should be able to do this multiple times simultaneously.

The system UI should be such that the user can easily view his/her chats.

5. Surf Posts

Identifier: UC17

Name: surf posts

Goal: To view the posts in your feed

Related Use Cases: UC4 is required

Precondition:

The user should be signed in as an organization or individual

Trigger:

User clicks on view posts in the menu

Actors:

Website user, Database System

Main Scenario:

1. User can surf among the list of posts being displayed on the screen
2. User can also search for any specific post he/she wants to
3. User views the posts of other profiles on clicking on read more
4. User can choose to like or unlike the post

Extensions:

- * a: if system fails:
User is taken to menu

Post Conditions:

User can go back to the post page and surf more posts

Special Requirements:

The system should update the feed periodically.