

Feature: Messaging

Title: Sending Messages Among Users

Actors: Admin, Users, Login System

Scenario / Description:

1. Users log into the system using email and password.
2. Users click on the person they want to message from their friend list.
3. Or users search the person they want to message and sends the message.

Exception:

1. Could not login due to no such existing user
2. Could not login due to wrong password
3. Messaging page did not load.
4. Message database connection disconnected.
5. After searching a person and sending message, it was not received due to privacy settings.

Pre-condition:

1. URL of messaging page

Post-condition:

1. Successful – Sender sends the message and receiver receives it
2. Unsuccessful – Do not change page and show error message.
3. Exception – Reload the page and inform that message was not sent.

Feature: Follow or Unfollow Other Users

Title: Following other users

Actors: Users

Scenario / Description:

1. Users search for a person and follow that person.
2. Or users find a person from friends list and follow that person.

Exception:

1. If already followed a person, but cannot unfollow, then keep following the person, and show an error message.
2. If cannot follow a new person, show an error message to try later or say this person does not allow you to follow using privacy settings.

Pre-condition:

1. URL of friends list
2. URL of search list

Post-condition:

3. Successful – User is able to follow or unfollow a person.
4. Unsuccessful – Show a message informing why the user was not allowed to follow a person.
5. Exception – Show error message and do not change current follow or unfollow status.

Feature: Sign up

Title: Signing Up as A New User

Actors: Visitors

Scenario / Description:

1. Visitors click on the Sign-up button from navigation bar.
2. It takes them to the Registration page.
3. They fill in the forms with required details, emails, passwords etc.
4. They click 'Sign up'.
5. A summary of registration details is shown to confirm it.
6. Users click on 'Confirm' and the details are stored in database.

Exception:

1. Sign up page was not found.
2. Entered information was not saved in database.

Pre-condition:

2. URL of Sign up page

Post-condition:

1. Successful – Registration form is saved in database.
2. Unsuccessful – Show error message showing invalid information entered in the form.
Invalid information such as wrong password, invalid email address.
3. Exception – Stay in the same page

Feature: Sign in

Title: Login as a User or Admin

Actors: Users

Scenario / Description:

1. Users go to homepage.
2. They click on 'log in' button.
3. Users enter email and password and hit login button.
4. If correct email and password is entered, then user's homepage is loaded.

Exception:

1. Login page not found.
2. Unable to find user's details in database
3. User's homepage not found

Pre-condition:

1. URL of Sign in page

Post-condition:

1. Successful – User's homepage is loaded
2. Unsuccessful
 4. Unsuccessful – Show error message to try again, if no such user exists, or if entered password is wrong.
 5. Exception – Stay in the same page

Feature: Password Recovery

Title: Recover password

Actors: Users

Scenario / Description:

1. User enters login page.
2. If user inputs wrong password, then forget password prompt is shown.
3. Or user clicks on 'forgot password' button.
5. User is taken to 'account recovery' page.
6. User inputs the last password they remember.
7. User answers the security questions.
8. An a security code is emailed to user.
9. User inputs the security code and enters a new password.

Exception:

1. Recovery page was not loaded
2. No security code was sent
3. Unable to recover password

Pre-condition:

1. URL of Account Recovery page

Post-condition:

1. Successful – User's password is changed, user is required to login again.
2. Unsuccessful – If the email doesn't exist in server, tell user to enter correct email. If wrong security code was entered, then show error message and prompt user again to enter correct security codes.
3. Exception – Stay in the same page, and show error message saying 'Password could not be recovered at this moment, please try again later'

Feature: View Latest Campus News and Activities

Title: Viewing Campus News

Actors: Users

Scenario / Description:

1. User logs in and user homepage is loaded.
2. Latest campus news are views as a list of articles on user's homepage.
3. Users can check a news to list it in their 'interested news and activities' list
4. Users can track the activity if it is an event.

Exception:

1. User home page was not loaded
2. Latest activities and news are not shown in homepage

Pre-condition:

2. URL of user's home page

Post-condition:

1. Successful – Latest campus news and activities are shown in home page of user.
2. Unsuccessful – Reloads the web page.
3. Exception – Stay in the same page

Feature: Edit Profile Info

Title: Editing Profile

Actors: Users

Scenario / Description:

1. User logs in and clicks on settings page.
2. From settings page, select 'edit profile'
3. Users can upload profile picture, can change bio, password.

Exception:

1. Profile Edit page was not found.

Pre-condition:

3. URL of Edit Profile Page

Post-condition:

5. Successful – User's information is updated.
6. Unsuccessful – Reload the page and prompt 'try again'
7. Exception – Stay in the same page

Feature: Events

Title: Managing Events

Actors: Users

Scenario / Description:

1. Logged-in users visit events list page.
2. Users can create, or track events from there.
3. To create an event, user enters event name, date, description. Users can send invitations to existing users.
4. To track an event, user clicks on 'interested' button on any event from events' list.
5. Users can see their tracked event from events lists. Events list button is on the top navigation bar.

Exception:

1. Events list page not found.
2. Could not create events.
3. Could not track events.

Pre-condition:

4. URL of events list page

Post-condition:

4. Successful – users can create, search, track events.
5. Unsuccessful – Show error message saying 'visitors must sign up and login first, to create or track an event'
6. Exception – Stay in the same page

Feature: Post

Title: Posting Documents in Texts, Images, Videos, Audio Formats

Actors: Users

Scenario / Description:

1. Users log in.
2. In user's home page, user clicks on 'create post' button.
3. A pop-up screen shows up. Users can insert texts or attach multimedia files.
4. After the post is finished editing, user can share it using 'post' button.
5. Users can attach a hashtag to the post before publishing it.
6. The post will be visible to followers of the user, in each user's homepage.

Exception:

1. Post pop-up screen is not generated.
2. Edited post is not shared after posting.

Pre-condition:

1. User logged in first.
2. URL of post pop up.

Post-condition:

1. Successful – users can create posts, attach files, and share posts.
2. Unsuccessful – Show error message saying 'visitors must sign up and login first, to create and share posts'.
3. Exception – Reloads to user's homepage and shows an error message.

Feature: Search

Title: Searching People, Posts, Events

Actors: Users

Scenario / Description:

1. Users click on the search bar on the top navigation bar.
2. A pop-up search bar is generated.
3. Users can search by username, post titles, event titles and hashtags.
4. Users can also select hashtags from 'popular hashtags' list beside the search bar.
5. After searching a new search page will be generated containing a list of relevant search results.

Exception:

1. Search pop-up screen is not generated.
2. Clicking on hashtags do not generate results.

Pre-condition:

1. Search bar's URL loads
2. Hashtag associated posts exist

Post-condition:

1. Successful – a list of posts/ events/ people are shown as search result
2. Unsuccessful – show error message saying that 'searched user/ post/ event does not exist', or 'no post found associated with the hashtag'.
3. Exception – prompt search bar again, but if repeatedly failed 3 times, then show homepage.

Feature: Notifications

Title: Viewing Notification List

Actors: Users

Scenario / Description:

1. Users log in and click on notifications button on the top navigation bar.
2. Upon clicking the notification bar, user is taken to a page which contains a list of notifications.
3. New items are added to the notification list, if user's followed person creates an event or shares a post or someone sends a message.
4. Types of notification to get, can be changed from user settings.

Exception:

1. Notification list URL not found

Pre-condition:

1. Notification list URL

Post-condition:

7. Successful – latest news, messages, events are shown in notification list
8. Unsuccessful – reload the notification page, if problem is not solved, prompt for optional re-login with an option to cancel the prompt.
9. Exception – Stay in the same page

