
Team 23

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UniConnect Proposal

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OVERVIEW

'UniConnect' aims to join students from various universities across downtown Toronto through common interests and events. Students who want to participate in group activities but do not know where to look can now go onto our web app to do so. Users can select their interests through our unique tagging system, ranging from arts and music to technology and gaming which will allow them to find related events. By joining events, users can meet up with people virtually and in person to connect through common interests.

Users are also able to create events, where they can choose the activity, set the number of attendees and further details. Users from the University of Toronto can also upload their schedules to match with others and use the automatic group chat maker to connect with potential friends and commuting buddies. This web app will solve current problems applicable to every student and provide social support.

SPECIFICATIONS & FEATURES

User Profiling and Functionality:

User Profile: A regular user is a university student who can create and join events. Each user has a unique username, password, email, profile picture, age, gender, tags, Major/Minor/University and other social media links. All attributes except username, password and email are optional and are instead used to provide a profile. The profile of each user will also show the number of friends they have and amount of hearts they are given.

User Functions: The user will choose tags when setting up an account to represent their interest and help them find engaging events. The username is needed in order to add friends. All users' detailed information is hidden so that only mutual friends can see it for privacy. In order to see others' profiles, they need to follow one another.

Regular users with an account can:

- Create an event
- Join an event
- Delete/edit their own event
- Search events by tag or keyword
- Friend other users
- Set event location and attendee limit
- Add courses to their schedule
- Chat with other users within their courses
- Add tags to the database
- Send hearts to other users

Admin Functionality

An **admin** can see all the information of users to monitor appropriate activity. Their account includes a unique username and password along with all other additional attributes. However, they cannot participate in events.

Admins will be responsible for keeping the website friendly and safe.

- They will have access to user ratings and reports (banning requests).
- Access to all user accounts, chats, events and website statistics.
- Able to give warnings in chats and ban/unban users.
- Able to delete events.
- Are unable to sign up to events with their admin accounts
- Add tags to the database

User Authentication, and Authorization:

After users create an account, they have to verify their university emails to confirm their identity and status as a student. Their emails will also be used to recover passwords. Detailed information of each event can only be seen by other authorized users. Unauthorized users can search events and see the list of events but without details. They would need to sign up in order to create/join events and connect with others.

Security

The privacy of each user is protected as their full profiles are only visible to mutual friends. In order to connect with potential friends, they must either join an event and meet someone in person or in the same group chat to exchange usernames. The username is unique to each user which allows for additional security.

Additional Features

Further functionalities that are available to users are;

Chatting: There is a group chat for each event. Users can make their own chat room but only when they follow each other. This allows users to further develop their friendships made on UniConnect.

Hearts: Users will be able to send a '♡' to other users that they have met after an event. The number of hearts will be displayed on the profile to;

- Show how much you have interacted with the website
- Provide a way to show gratitude

Tags: Helps users organize what events they are interested in attending, featuring tags such as movies, courses, games, food and much more. Users will be able to create tags to accurately represent what their event will centre around and find others with similar interests.

Search and Filter: UniConnect will have a search bar that will allow users to search by keywords, tags, number of people, date and location.

DATA

This section will specify data sets associated with our website and why.

User Data: We will use data about users, these will include name, username, password hash, email, profile picture, age, gender, interests, major/minor/university, other social media links, events that the user signed up (past and upcoming), events that the user created, number of hearts.

Event Data: We will have a dataset about events. This dataset will include information about the event's title, description, tag, picture, date, location, who created the event, how many people can sign-up, who is currently signed up,

Admin User Data: We will use a dataset for admins. It will include information about name, username, password hash, profile picture, a list of powers, a log of actions that have been taken.

Tags Data: We will use a tags dataset for ease of event creation, people will be able to choose the tag for that specific restaurant, movie, game, etc from a list, while they are creating the event. The user will fill out the related information

Group Chat Data: We will have a dataset for group chats. This dataset will include individual messages which are sent in group chats.

POSSIBLE NEXT STEPS:

- Notifications
- Calendar / Schedule
- Location Services
- Saved Events List
- Hearts as currency to send gift to friends
- Invite a user to an event
- Question & Answer / Comment section for each event

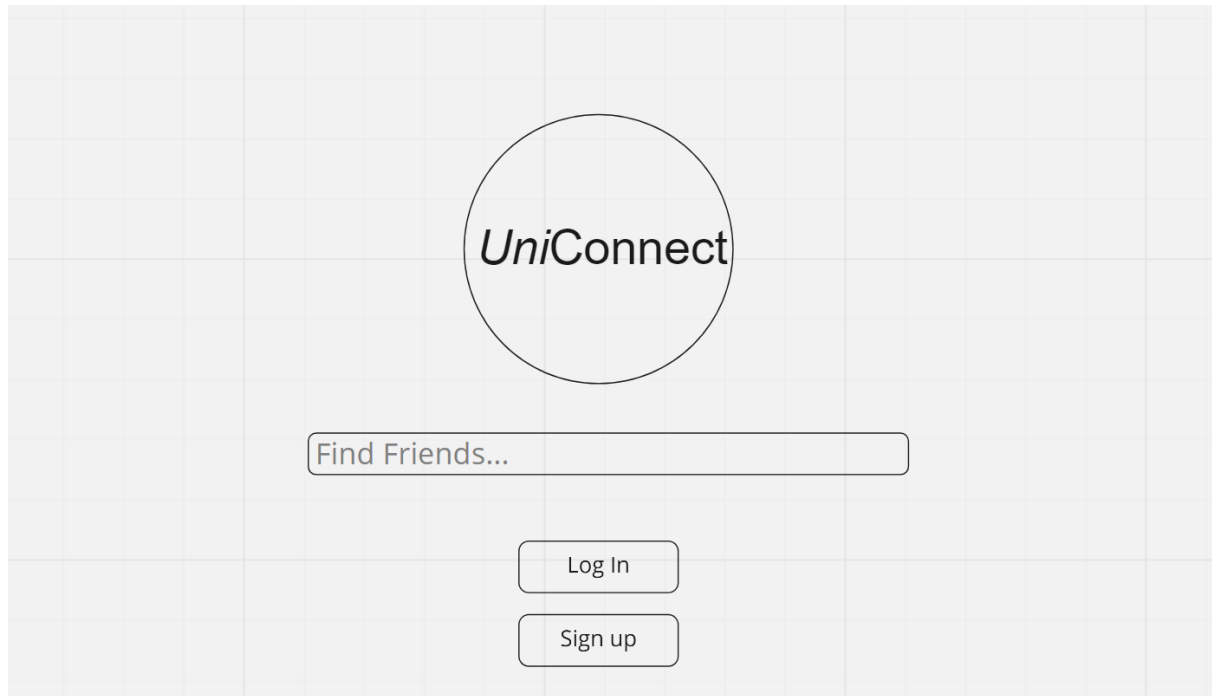
Below we have a detailed summary of our user flow and views.

To see our entire website flow visit this link:

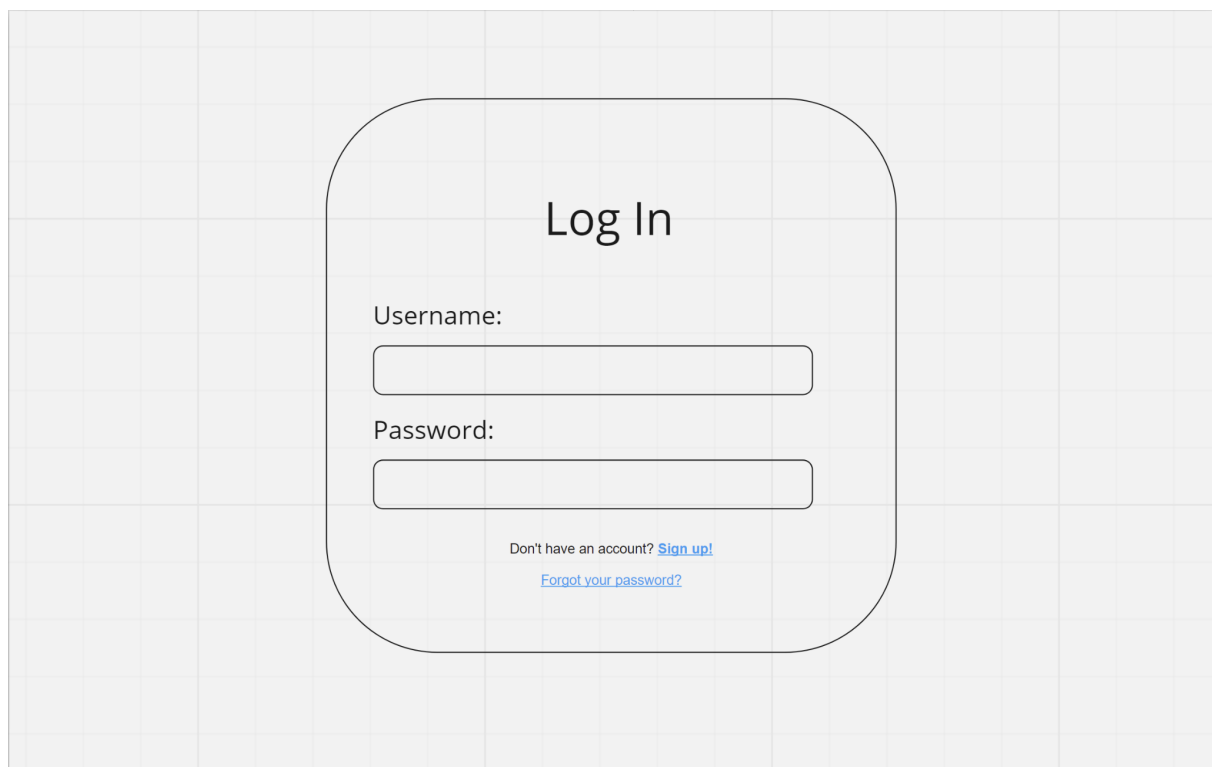
https://miro.com/app/board/o9J_lsjqpVM=?moveToWidget=3074457365036129938&cot=14

User Flow & Views:

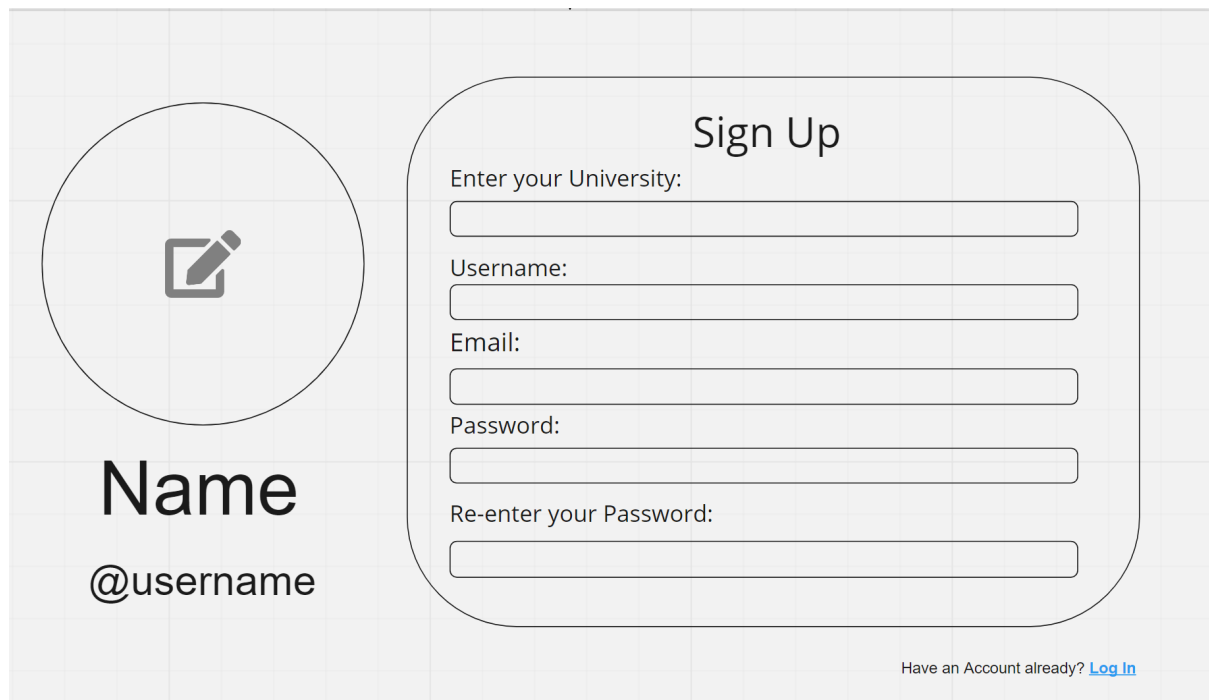
Upon opening the website the user will be directed to the **homepage** where they can either click the login, sign up or menu button.



When the **login button** is clicked they will be redirected to the login page where they input their username and password. Underneath is a link to the sign up page if the user finds themselves on the wrong page.

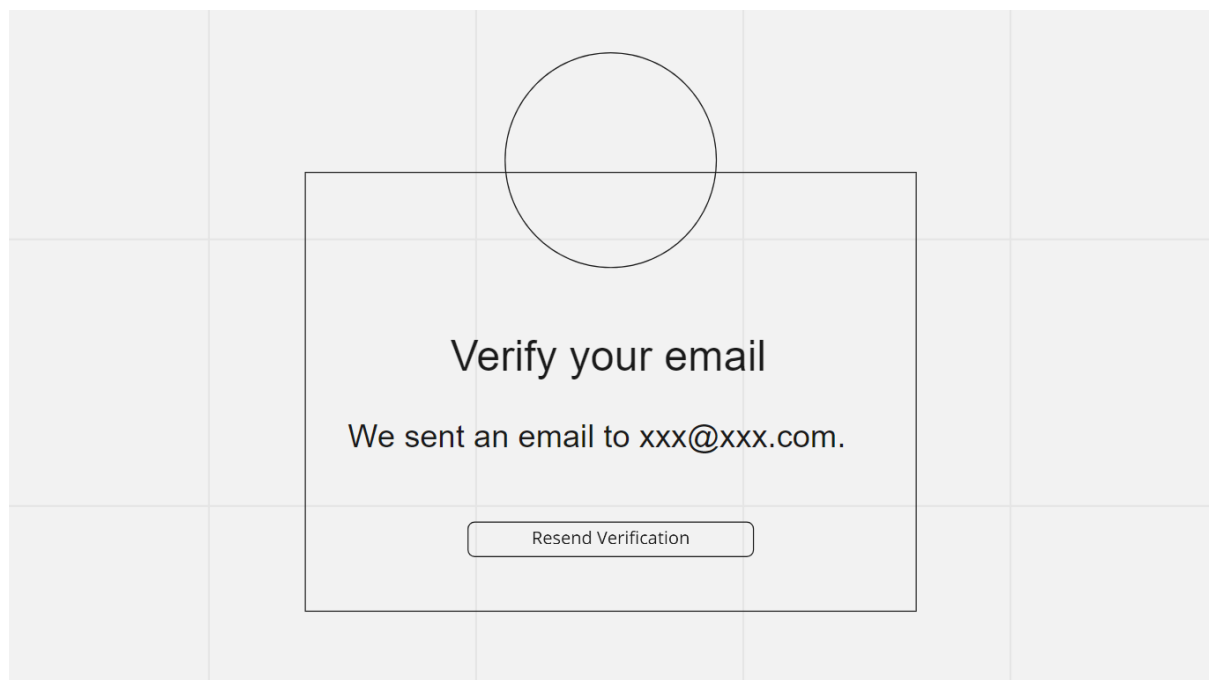


When the **sign up button** is clicked, they will be directed to the sign up page where they can create their new account by filling in all their information. Underneath is a link to the login page if the user finds themselves on the wrong page.



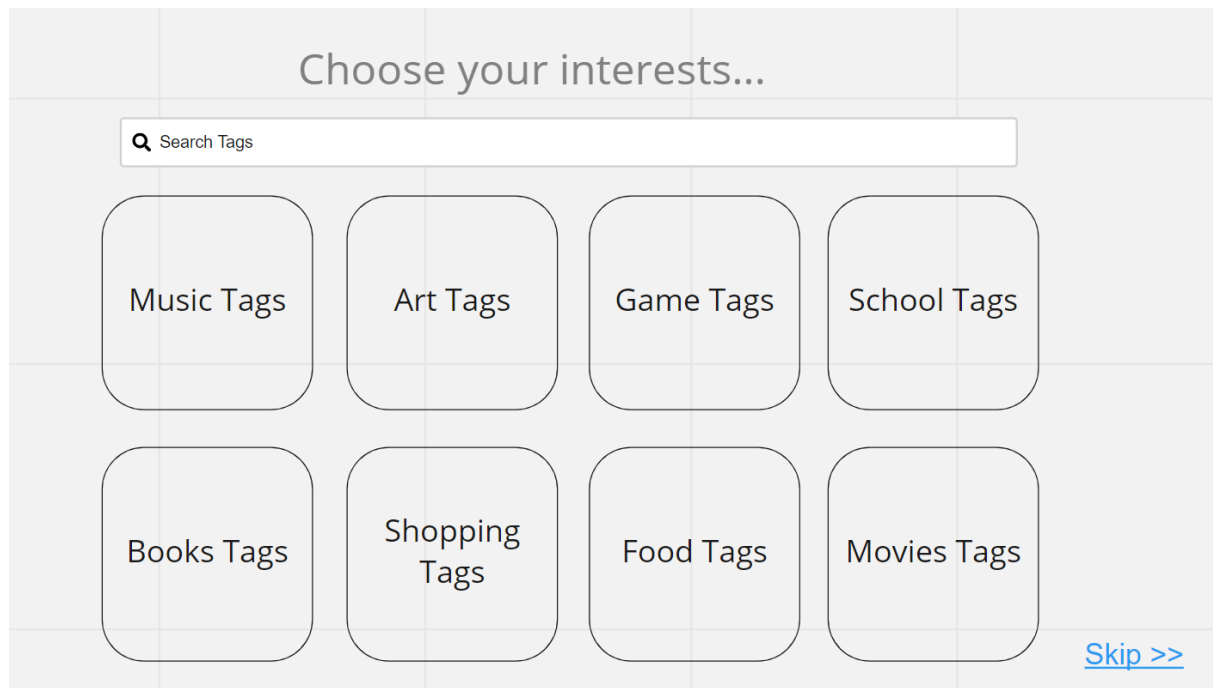
The image shows a wireframe for a 'Sign Up' page. On the left, there is a circular profile picture placeholder containing a pencil icon. Below it, the text 'Name' is followed by '@username'. To the right, a rounded rectangular box contains the title 'Sign Up' and five input fields: 'Enter your University:', 'Username:', 'Email:', 'Password:', and 'Re-enter your Password:'. At the bottom right of the page, there is a link that says 'Have an Account already? [Log In](#)'.

After the user fills their information in the sign up form they will be directed to the email confirmation page.



The image shows a wireframe for an email verification page. It features a large rectangular box with a circular profile picture placeholder at the top center. Inside the box, the text 'Verify your email' is centered, followed by 'We sent an email to xxx@xxx.com.'. At the bottom of the box is a button labeled 'Resend Verification'.

Afterwards, they will go to the interest finder page where they can select their interests. If users select *school* as interest, they will be prompted on the Course Selection page to add the courses they are taking this semester. There will also be a **skip** link provided if the user does not wish to select any interests. They will then be directed to their dashboard.



Choose your interests...

Q Search Tags

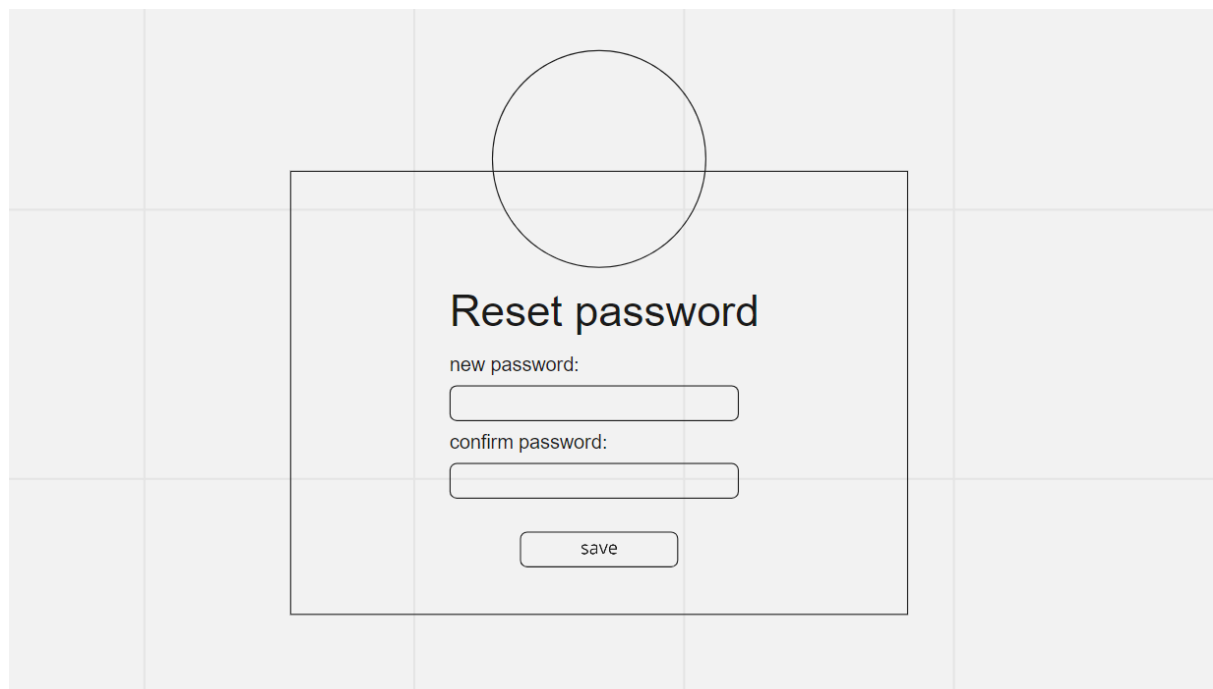
Music Tags Art Tags Game Tags School Tags

Books Tags Shopping Tags Food Tags Movies Tags

[Skip >>](#)

This form is titled "Choose your interests...". It features a search bar labeled "Q Search Tags". Below the search bar, there are eight rounded rectangular buttons arranged in two rows of four. The first row contains "Music Tags", "Art Tags", "Game Tags", and "School Tags". The second row contains "Books Tags", "Shopping Tags", "Food Tags", and "Movies Tags". In the bottom right corner, there is a blue link that says "Skip >>".

If users forget their password, they can click the “*Forgot your password?*” link on **Login** page. Users will be redirected to enter their email and will find themselves at the **email confirmation** page. The link to the **password reset page** will be sent through email. On this page, they can then enter their new password and submit by pressing the button.



Reset password

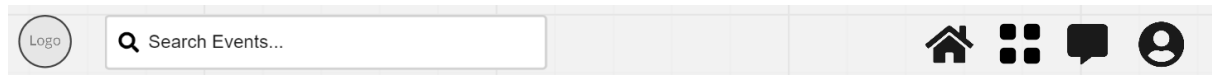
new password:

confirm password:

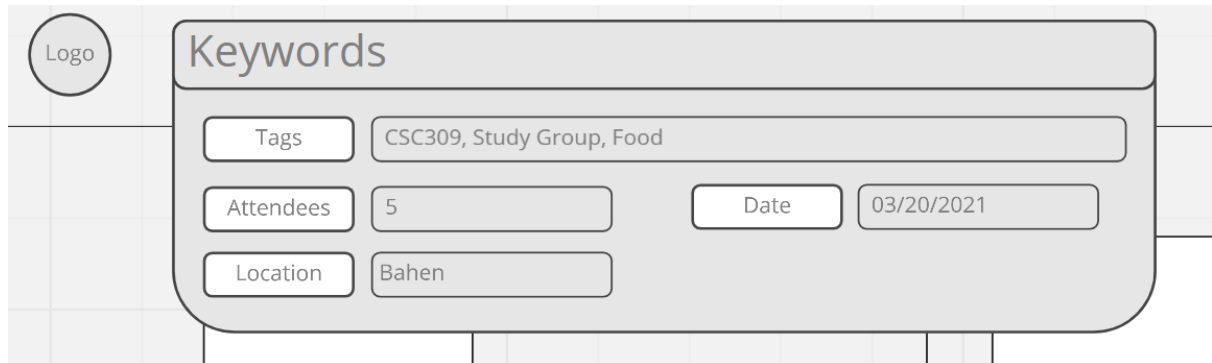
save

This form is titled "Reset password". It is enclosed in a rectangular border. At the top center, there is a large circle representing a profile picture. Below the circle, the title "Reset password" is displayed. Underneath the title, there are two input fields. The first is labeled "new password:" and the second is labeled "confirm password:". Below these two fields is a button labeled "save".

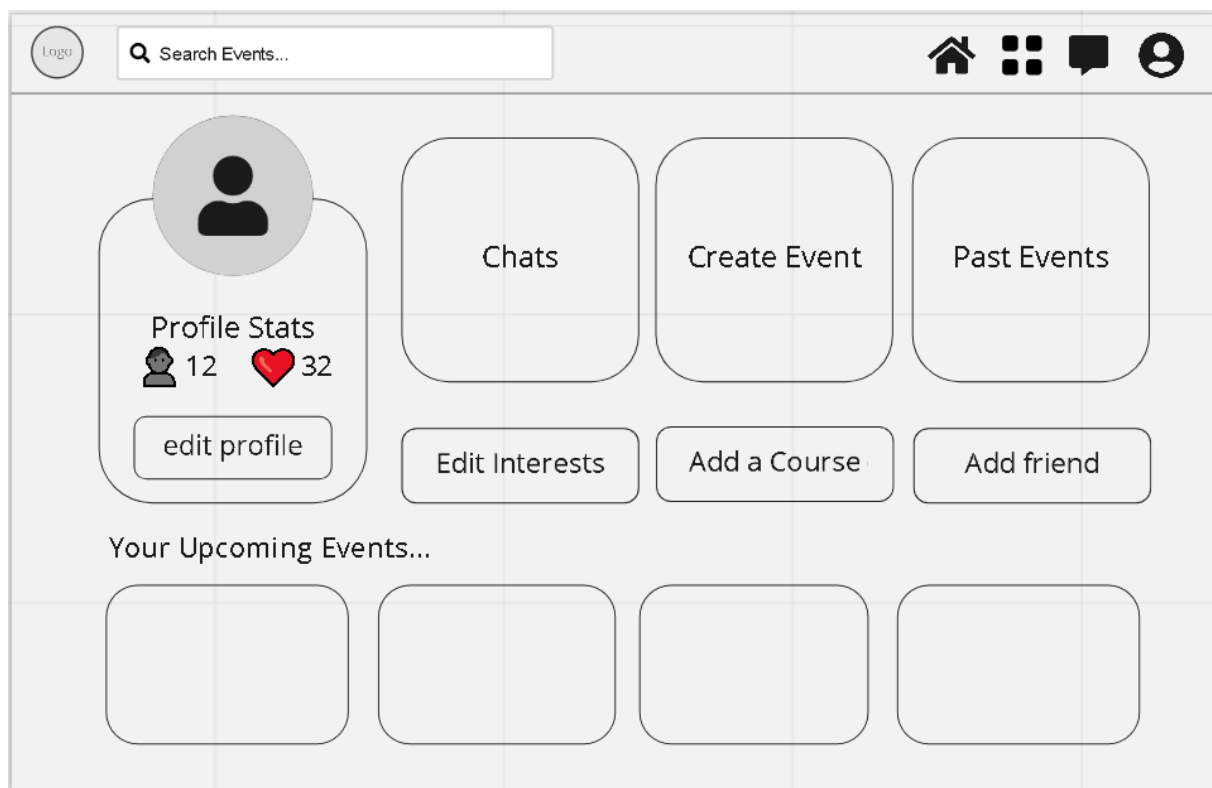
There will be a **taskbar** at the top of every view after logging which will allow users to navigate to other parts of the site directly and allow users to navigate to these essential pages from any page they are currently on. This includes the search bar, timeline (house icon), dashboard (four squares), group chats (chat icon) and profile (profile icon).



There will be a dropdown below the search bar when clicked to use the **search filters** will be present at every view users have. Users will search using keywords and setting filters with tags, number of attendees, location and date.



The **dashboard** will be a page that provides the user with an overview of all the information relating to their account. It is a place where the user is able to see their upcoming events, past events, profile stats (friends, hearts) as well as shortcuts to create an event, to view their chat rooms, add another user to their friend's list and edit their profile.



Users will be brought to the respective pages for each of the buttons listed below;

[Edit Interests](#)

Choose your interests...

Music Tags

Art Tags

Game Tags

School Tags

Books Tags

Shopping Tags





Food Tags

Movies Tags

[Skip >>](#)

[Add Course](#)

Logo



Enter Course Code:

Professor Name:





Semester:

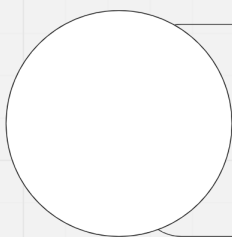
Section:

Re-enter your Password:

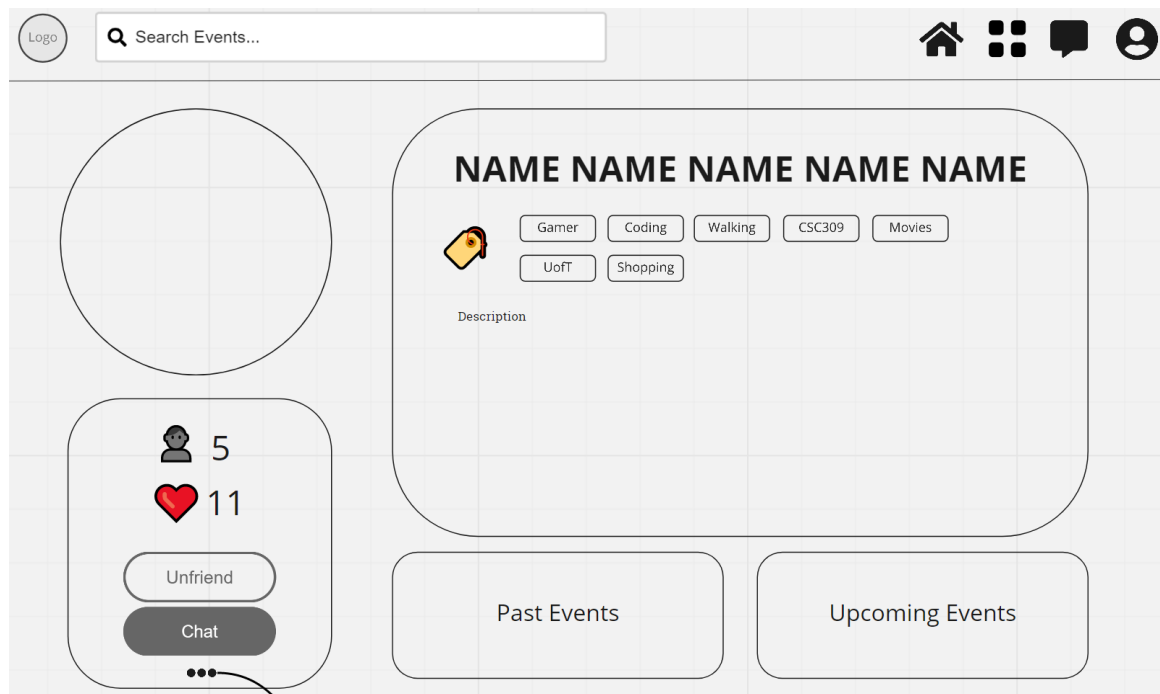
[Add friend](#)

Logo

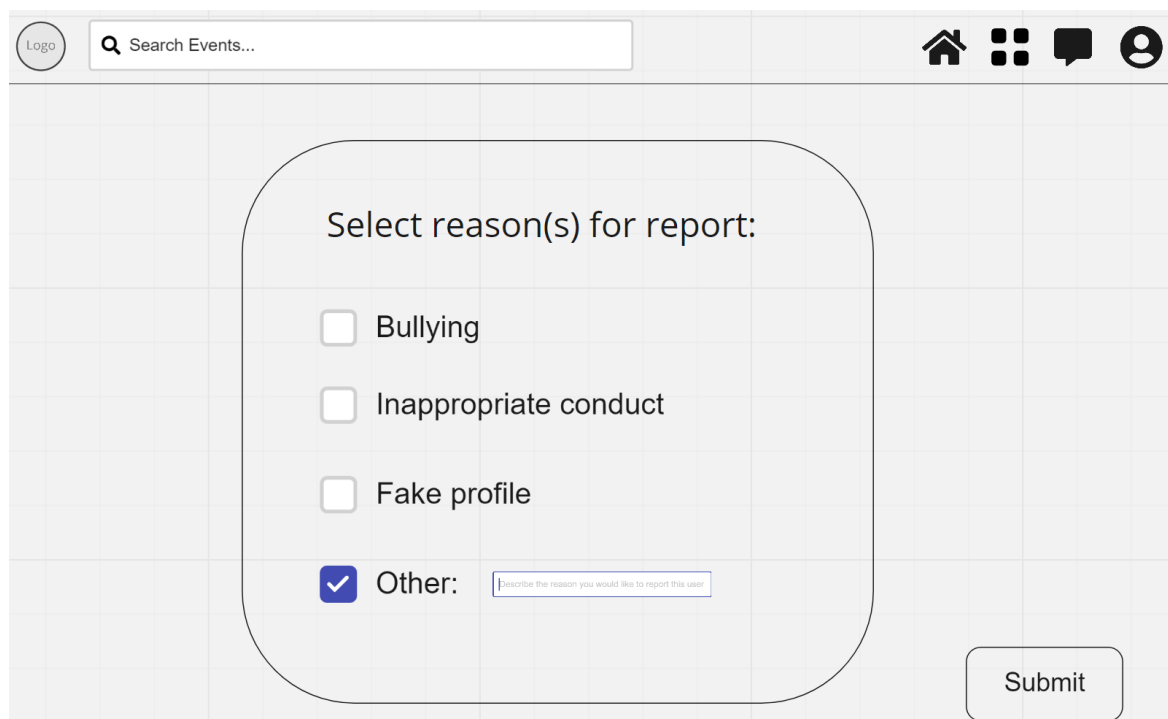




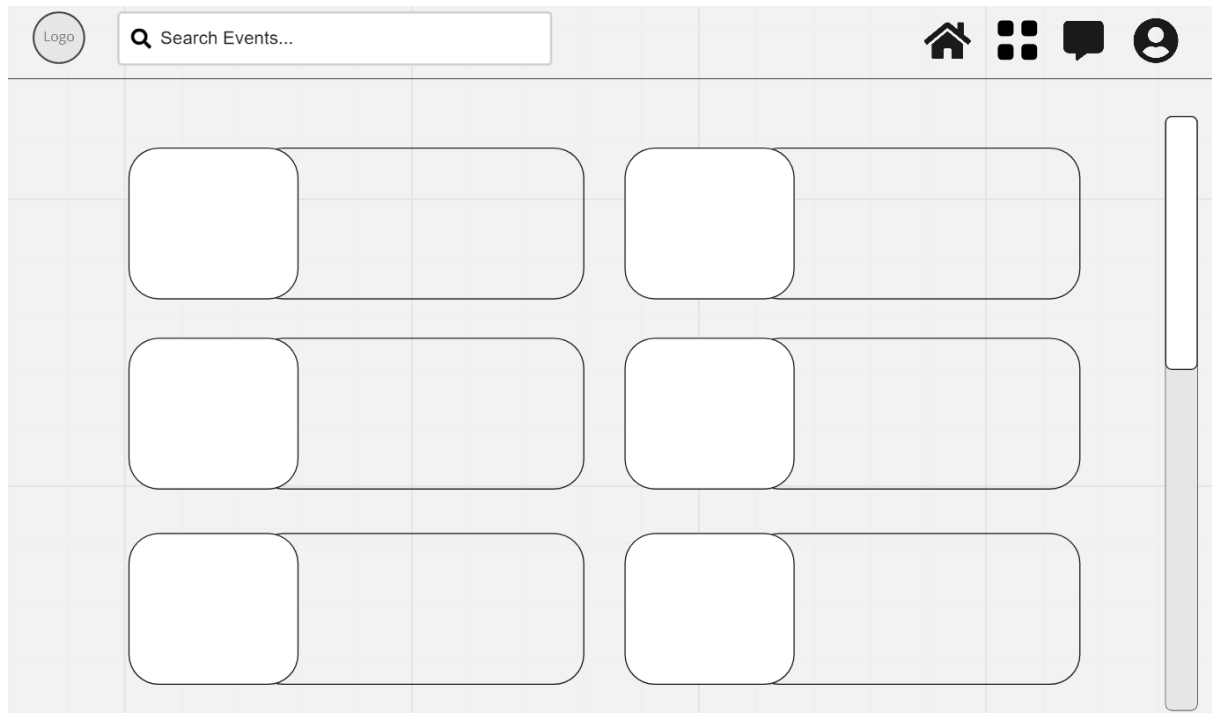
The **profile** will include the user's name, username, university and photo as well as other information the user chooses to provide about themselves. This information includes their age, gender, major/minor and location as well as tags representing what they are interested in. If a user is looking at their own profile, there will be an edit button to edit their profile. If the user is looking at another person's profile they will see the option to a friend, and after friending, see both unfriend and send chat. The three dots below lead to extended options for user reporting.



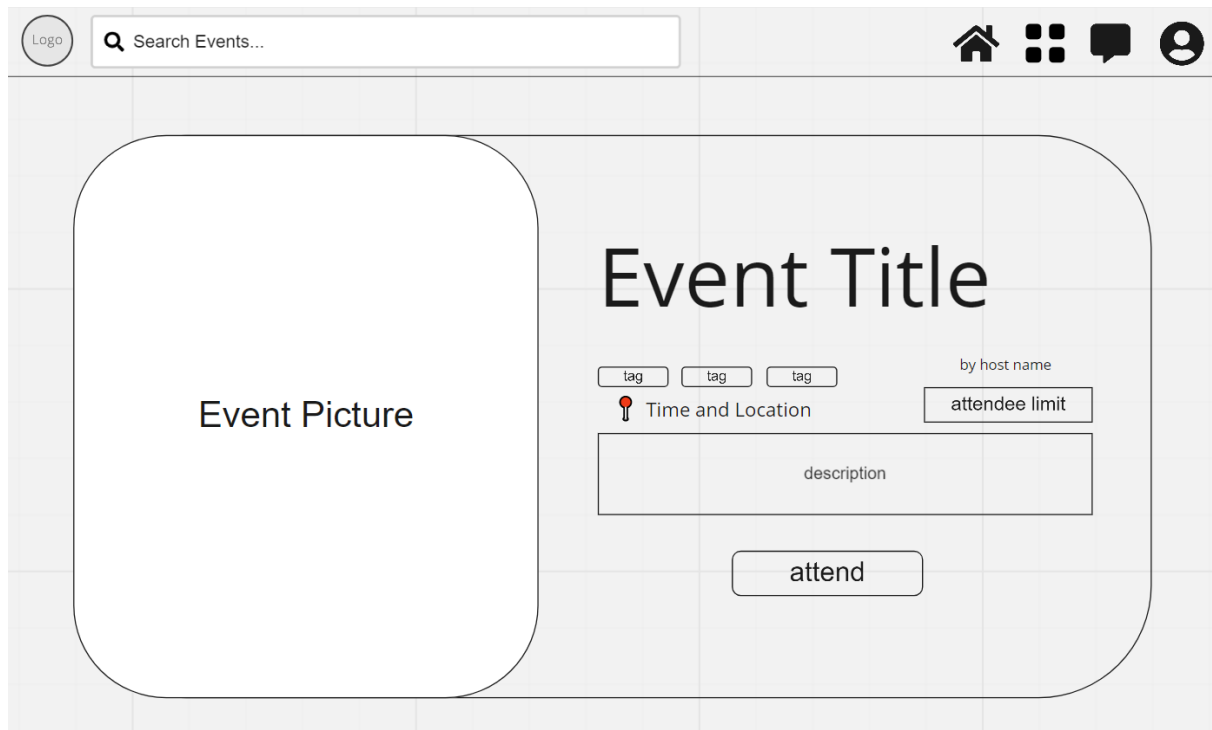
If a user clicks report, they will be redirected to the **Report User** page. They will be prompted to select the reason for reporting and can submit their complaint by clicking submit.



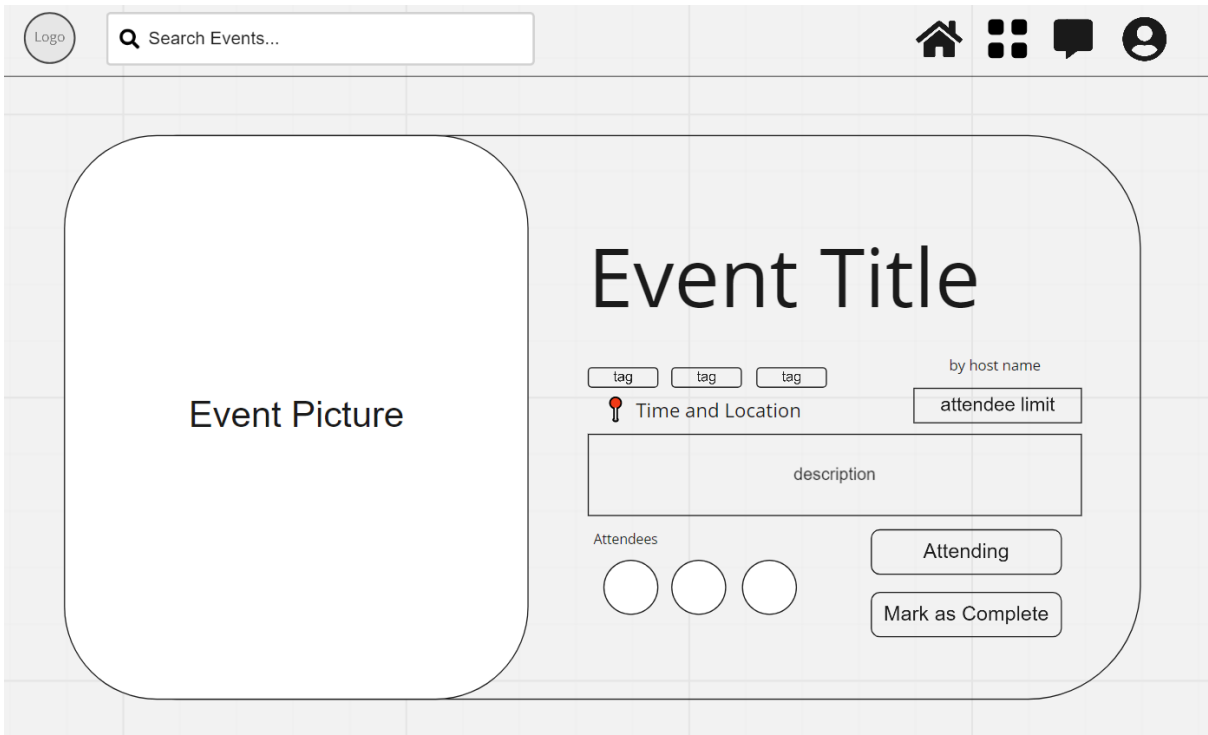
The **timeline** is where the user will find posts from other users they follow as well as tags they follow. This can be accessed by clicking the Past Events from user dashboards. Each post will show an overview of each event, with its title, picture, date, location, a preview of the description and number of spots left out of the total number of people invited.



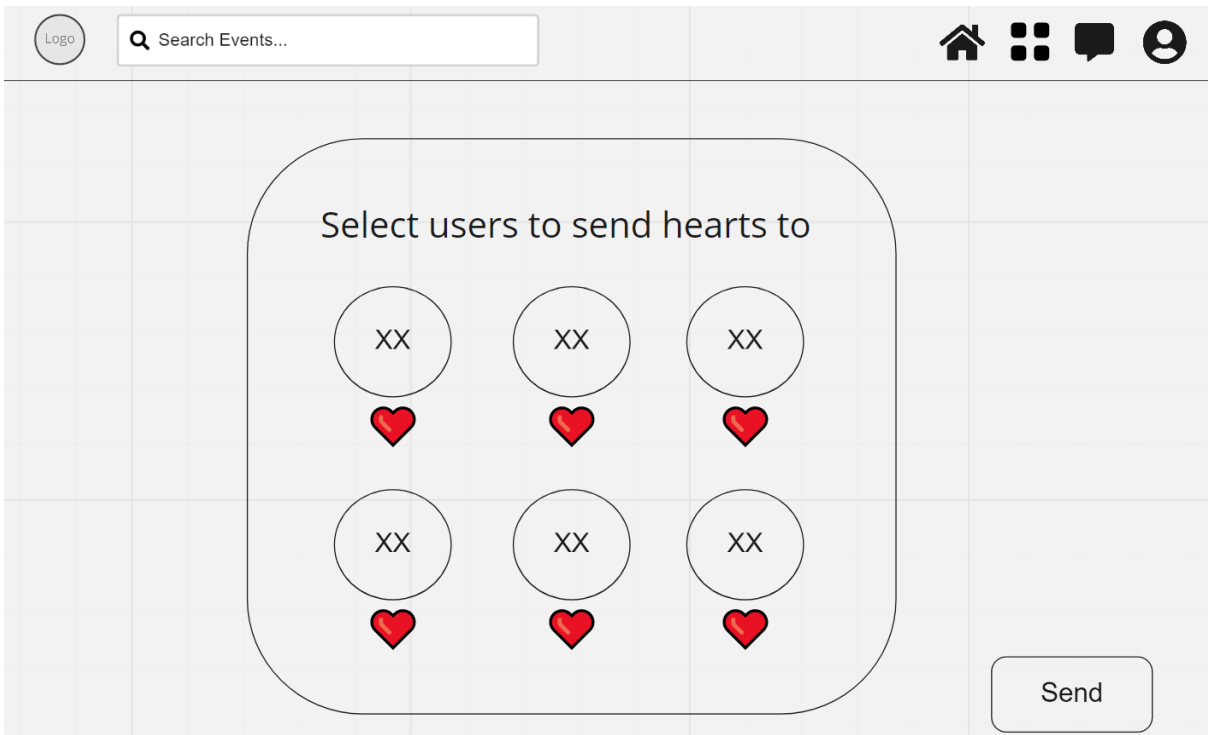
When clicked, it will open the **events detail** page where it will also show further details of the clicked event such as the full description as well as a button to join the event.



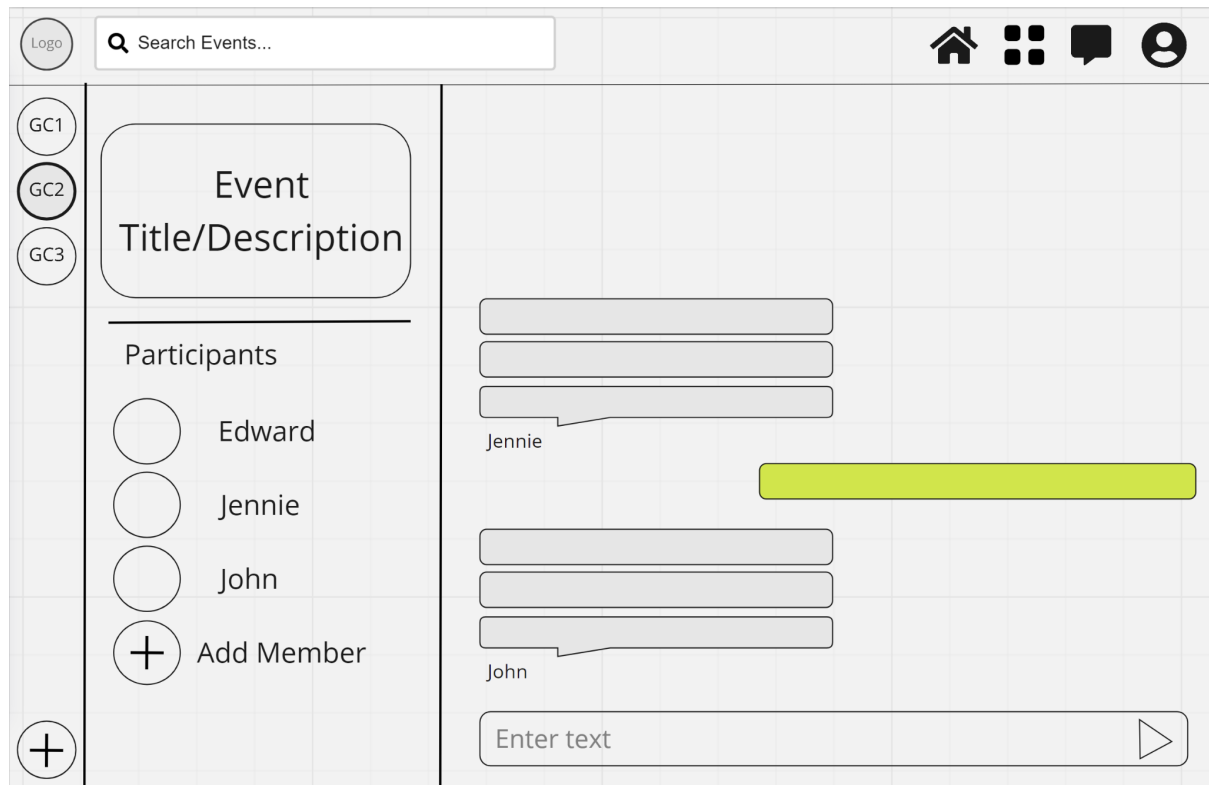
After a user clicks attend, users will be able to see the attendees at the event. This will allow them to add each other as friends and communicate through group chats.



After a user has marked an event as completed by pressing the mark as complete button on the Event Details page, they will be prompted to select attendees from the event to send hearts to in the Send Hearts page.

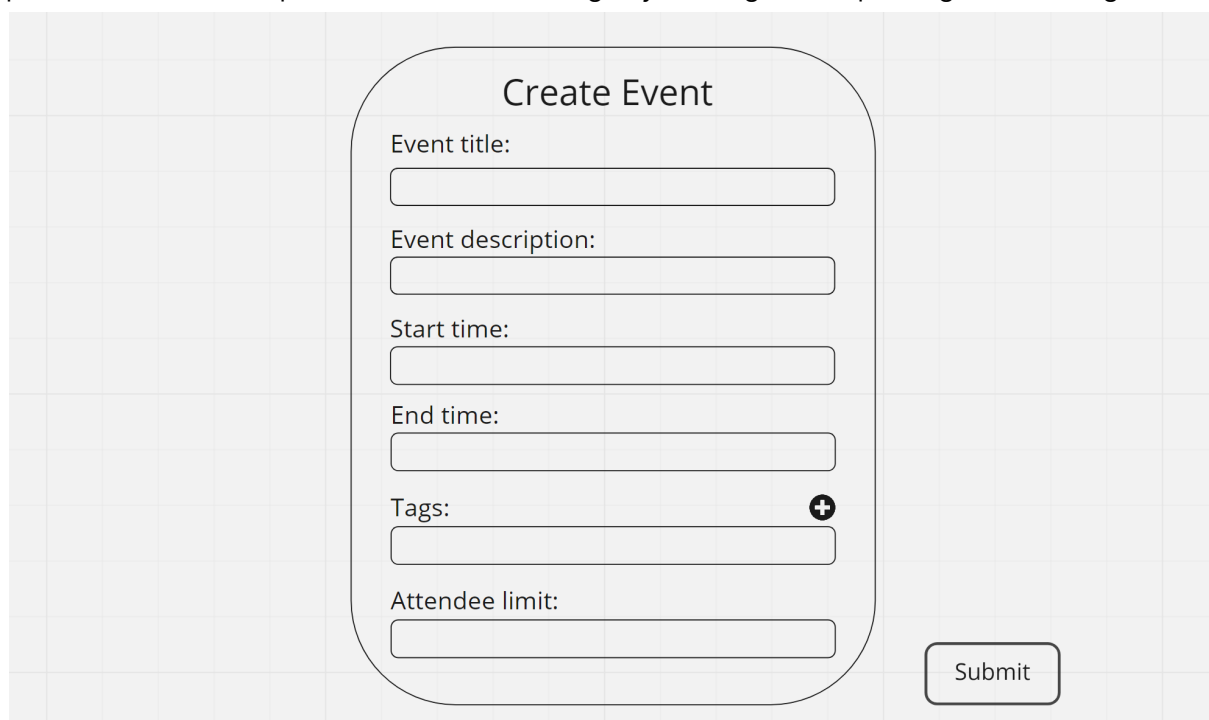


The **chatroom** is where the user will be able to receive and send messages in order to interact with other users. The chats are labelled by the event title with a brief description. Users can see the list of participants and have the option to add a member using the **Add Member** button.



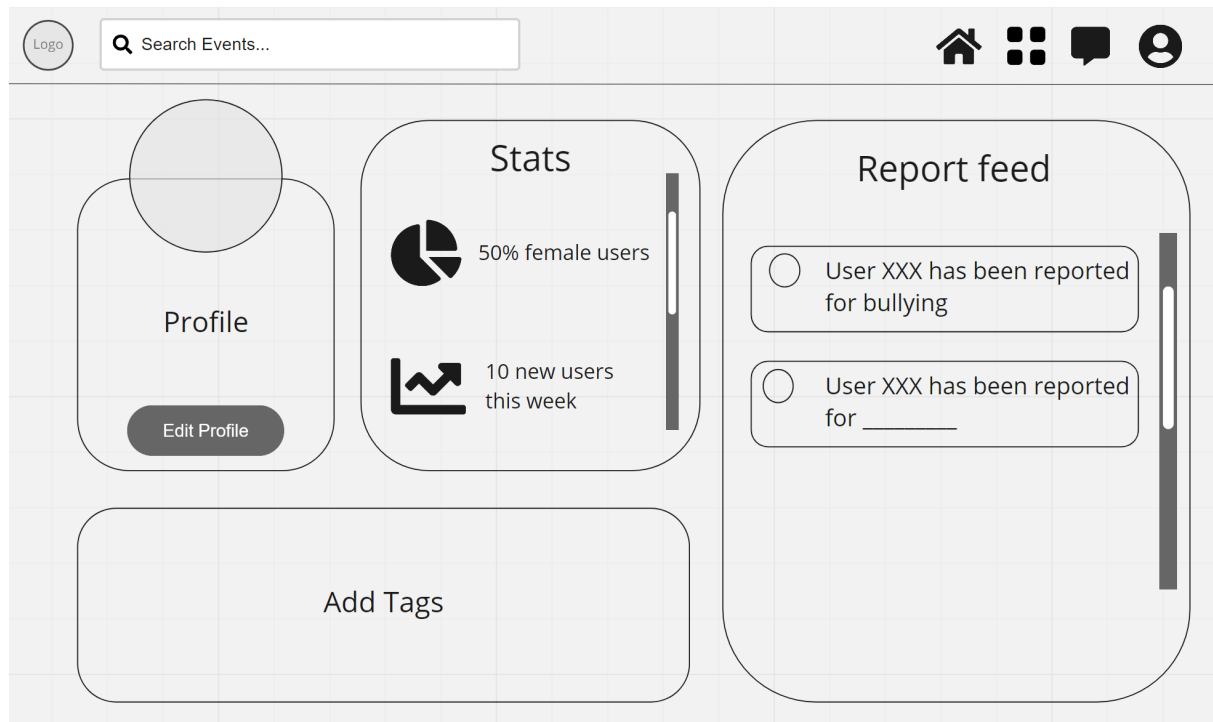
The chatroom interface is divided into three main sections. On the left is a sidebar with a 'Logo' button, a search bar labeled 'Search Events...', and three event category buttons labeled 'GC1', 'GC2', and 'GC3'. Below these is a large rounded rectangle for the 'Event Title/Description'. Underneath the title is a 'Participants' list containing three entries: 'Edward', 'Jennie', and 'John', each preceded by a circular profile icon. At the bottom of the list is an 'Add Member' button with a plus icon. The main area on the right displays a chat history with three message bubbles. The first bubble is from 'Jennie' and the second from 'John'. A third, highlighted yellow bubble is partially visible. At the bottom of the chat area is a text input field labeled 'Enter text' with a send button (a right-pointing triangle).

Users can click on the **create an event** from their dashboard to create an event. After entering the information, such as the title, description, location and time, users will be able to post the event to the public. Users can add tags by clicking on the plus sign beside Tags.



The 'Create Event' form is a rounded rectangle containing several input fields. The fields are labeled: 'Event title:', 'Event description:', 'Start time:', 'End time:', 'Tags:', and 'Attendee limit:'. Each label is followed by a corresponding text input field. To the right of the 'Tags:' input field is a small plus icon in a circle. At the bottom right of the form is a 'Submit' button.

Admins have the same profile as regular users. On the Dashboard for Admins, they can view the stats of UniConnect, along with a report feed of reports users have made against others. The **Report Feed** will showcase recent unresolved reports. A username will be listed which the admin can then search and ban.



The **Statistics** section of the admin dashboard will include the number of users, number of students from each university, gender ratio and more. The admin can also add tags by clicking the **Add Tags** button at the bottom of their dashboard.

