

Incognito



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About Us

What is Incognito?

Incognito is an anonymous chat platform designed for users who value privacy and secure communication. Here are the main features of Incognito:

- **Topic-Based Timed Chat Rooms:** chat rooms are created based on specific topics and have time limit. Chat rooms will be closed once reach time limit.
- **Chat history will be destroyed:** once a chat room is closed, all messages in it will be permanently erased.
- **Group Chat Only:** Incognito does not support direct message. It only supports group chat.



Target Audience

Target Audience



Privacy-conscious users

These individuals prioritize privacy and security in their communication. They want to ensure that their conversations are not saved or traceable, especially when sharing sensitive information.

Teens and young adults.

Users between the ages of 13 and 30 are likely to find the app appealing. They value anonymity, and the app's ephemeral messaging allows them to express themselves freely without the fear of leaving a permanent record.

Users who want temporary chat

These users prefer temporary interactions with no need for maintaining long-term connections or archived conversations. Incognito serves as a platform for them to engage, get information, and move on without lingering chat histories.

Why Incognito

Why we need Incognito

Incognito brings different values from its competitors. Below is a comparison between Yik Yak (the most popular anonymous chat app currently) and Incognito.



Yik Yak

Group chat has no time restrictions

- Users typically seek short-term casual conversations and may not want to be tied to a topic for an extended period.
- Without time restrictions, inactive groups can dilute the user base by splitting attention across too many low-activity groups

Chat history will not be deleted

- Knowing that the conversations will be saved indefinitely could cause concern, especially for those who value privacy or wish to have more control over the longevity of their messages

Student verification required

- Student verification exposes users' privacy.
- Student verification restricts access to non-student users, potentially limiting the platform's broader user base



Incognito

Group chat has time restrictions

- Users don't have to worry about being tied to a chat group long-term.
- Time limits encourage users to actively participate in topics they are interested in.

Chat history will be deleted

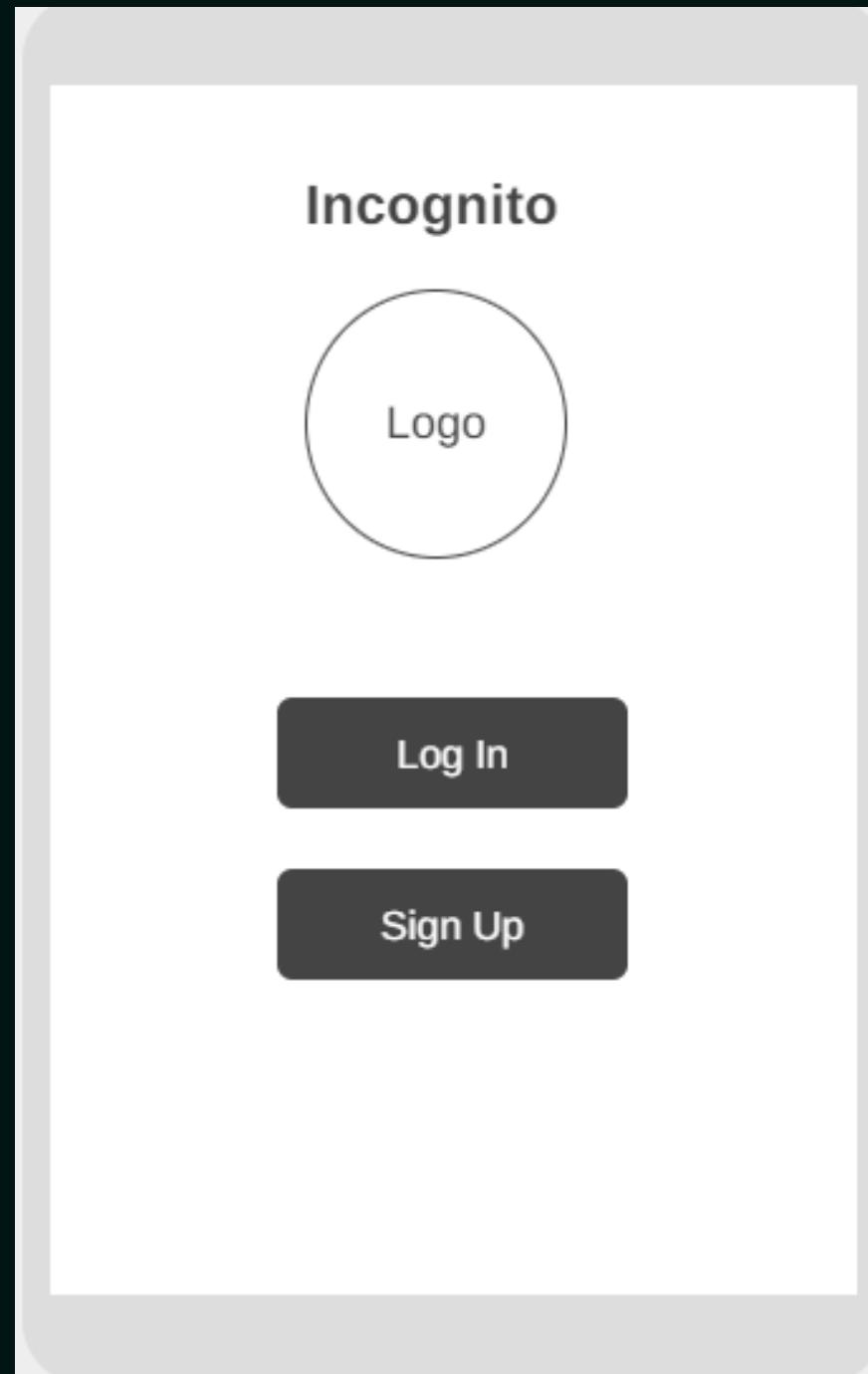
- Since chat history will be deleted, users don't need to worry about what they say.

Verification is not required

- This is an app for everyone.
- Requiring identity verification in an anonymous chat app is unnecessary. Such verification could become a barrier to users adopting the app.

APP Design

Landing Page + Login Page + Sign Up Page + Welcome Page



Incognito

Username

Password

Log In

This is the login page. It displays the "Incognito" logo at the top. Below it are two input fields for "Username" and "Password". At the bottom is a large, dark grey "Log In" button.

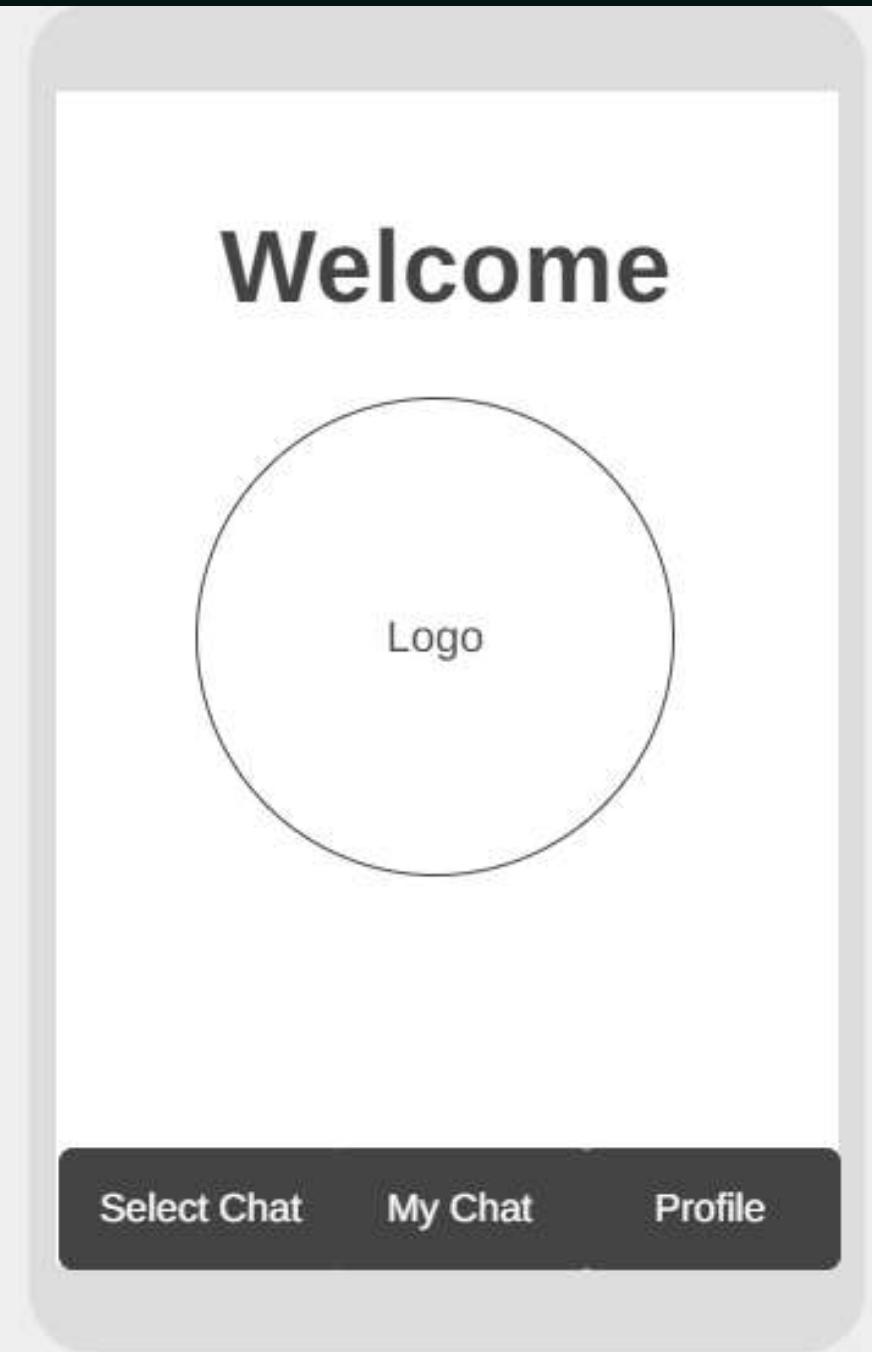
Incognito

Username
 ✓

Password
 ✓

Re-enter Password
 ✓

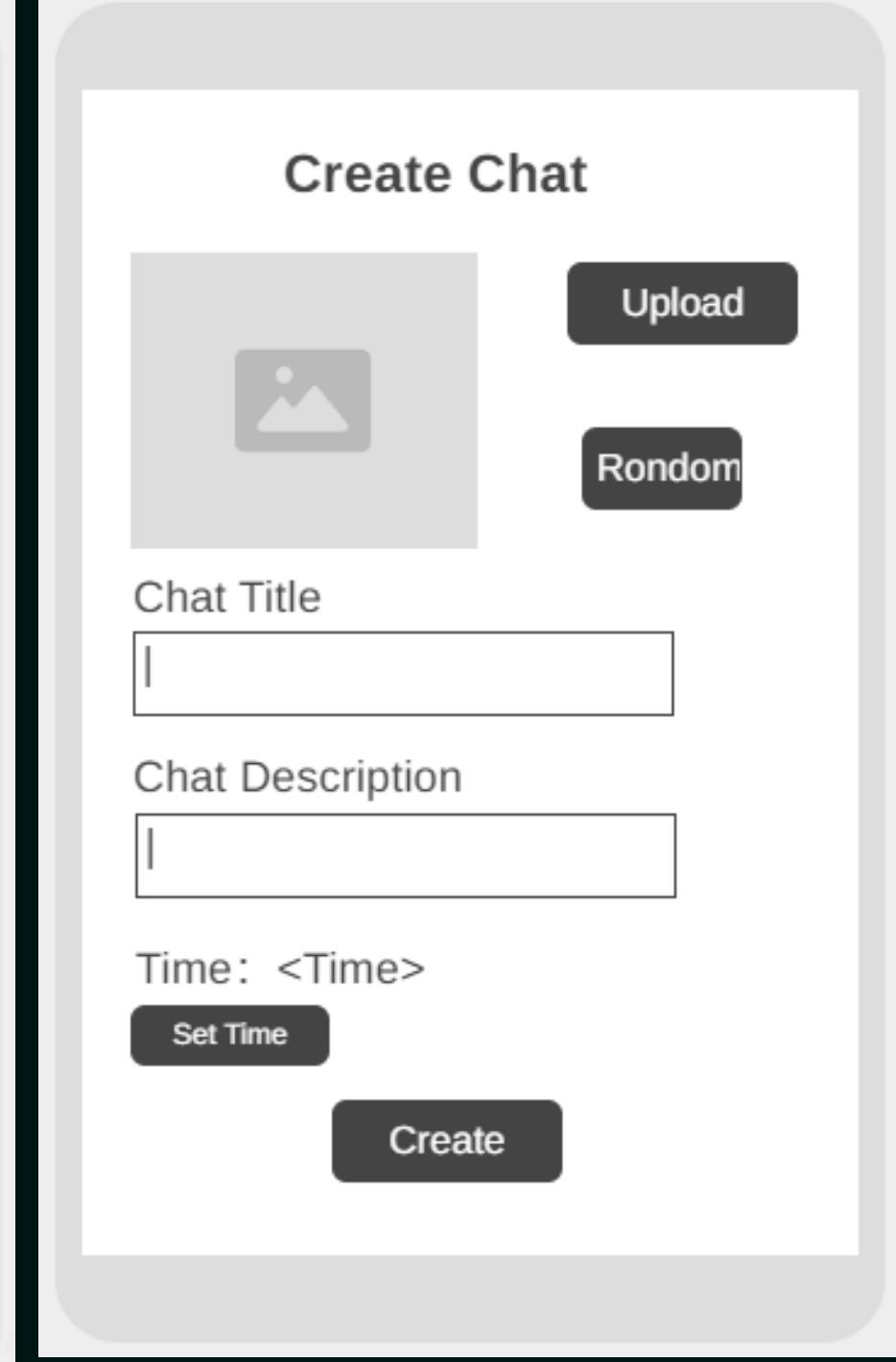
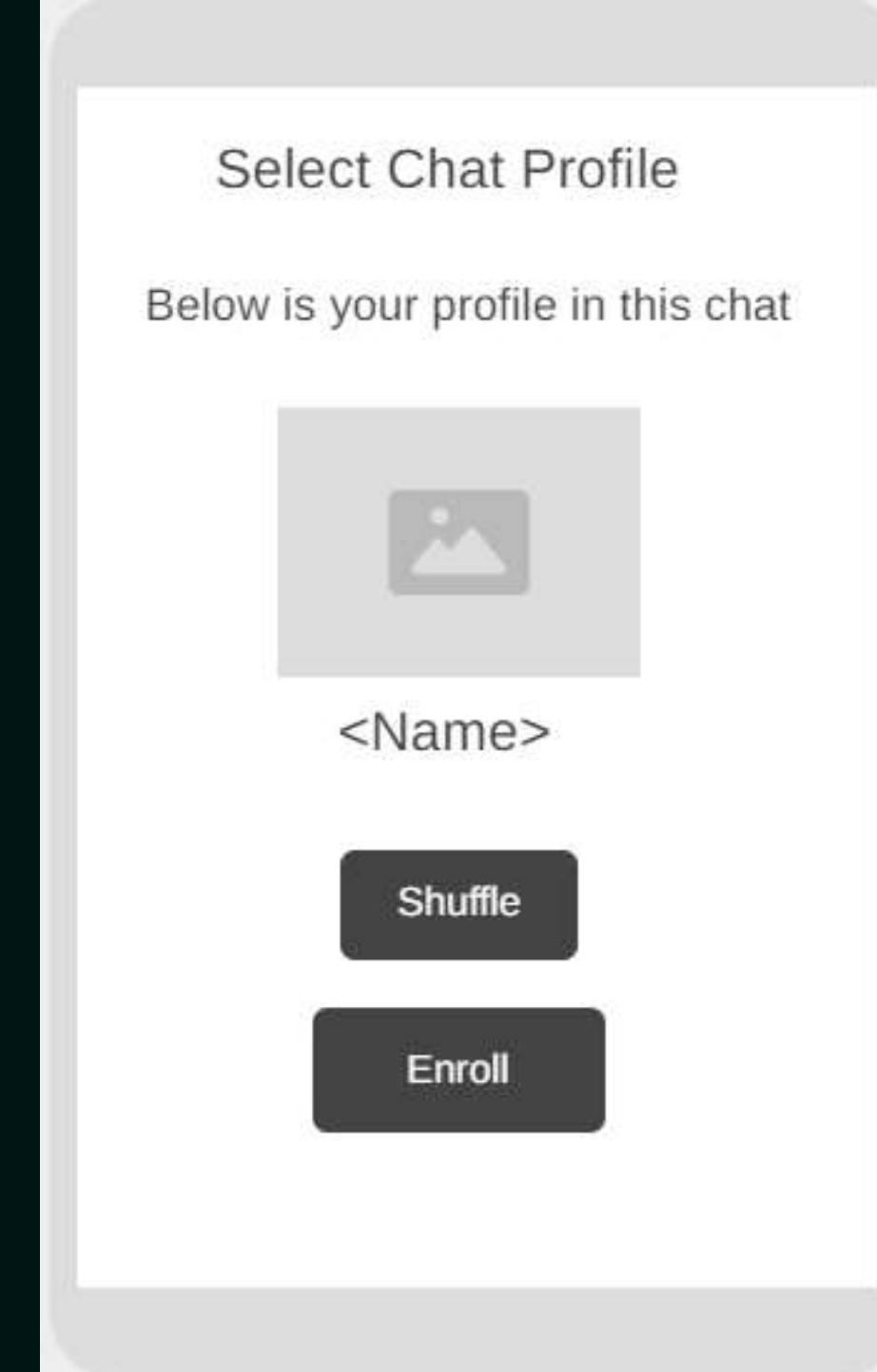
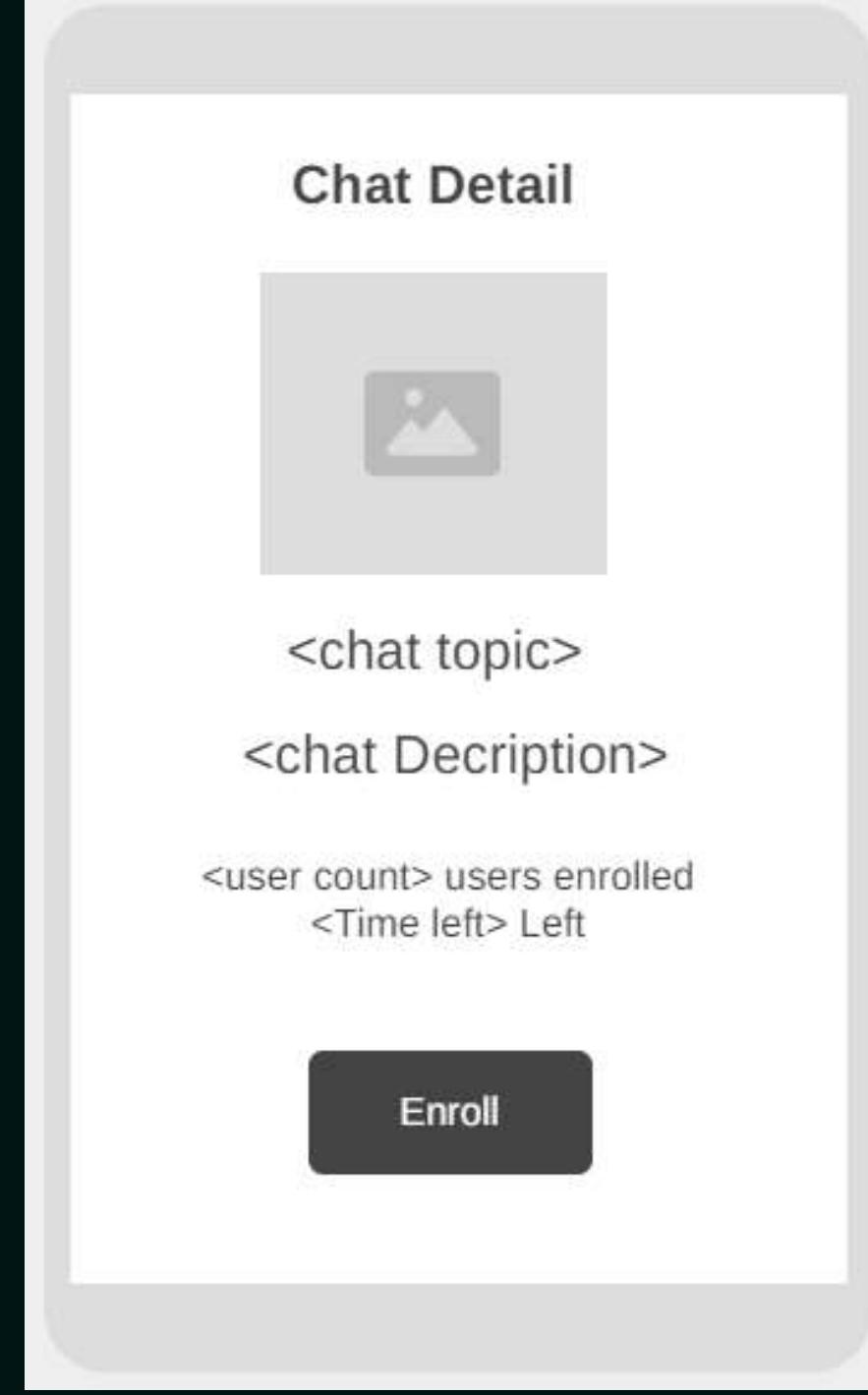
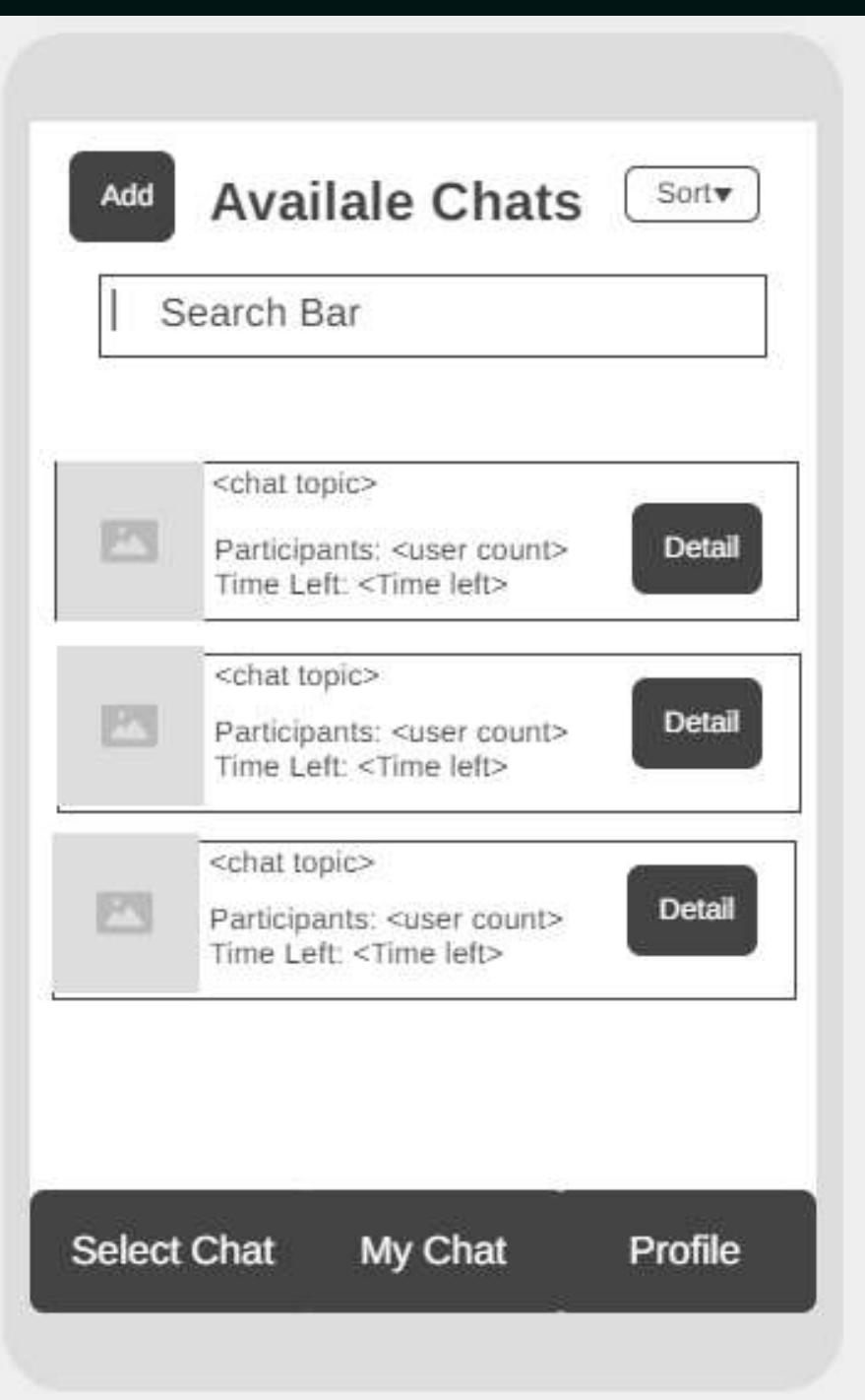
Sign Up

This is the sign-up page. It follows the same visual style as the login page but includes three input fields: "Username", "Password", and "Re-enter Password". Each field has a small checkmark icon to its right. A "Sign Up" button is located at the bottom.

Landing Page + Login Page + Sign Up Page + Welcome Page

- In the **landing page**, user is able to either sign up for a new account or log in with existing account. Click 'Log in' button will direct to log in page and click 'Sign Up' will direct to sign up page.
- In **log in page**, user can log in with existing username and password.
- In **sign up page**, user can sign up with username and password. The icon in the left of username indicate if the username is unique. The icon in the left of password indicates if the password meets requirements (e.g. contains letters and numbers). The icon in the left of re-enter password indicates if the re-entered password meets the original one. We don't require information like email or phones. Besides, we don't support 'forget my password' feature because for Incognito users, the experience of using a new account and using previous account is the same.
- In the **welcome page**, there are three buttons, redirecting users to corresponding pages. We will talk about those pages in the next slide.

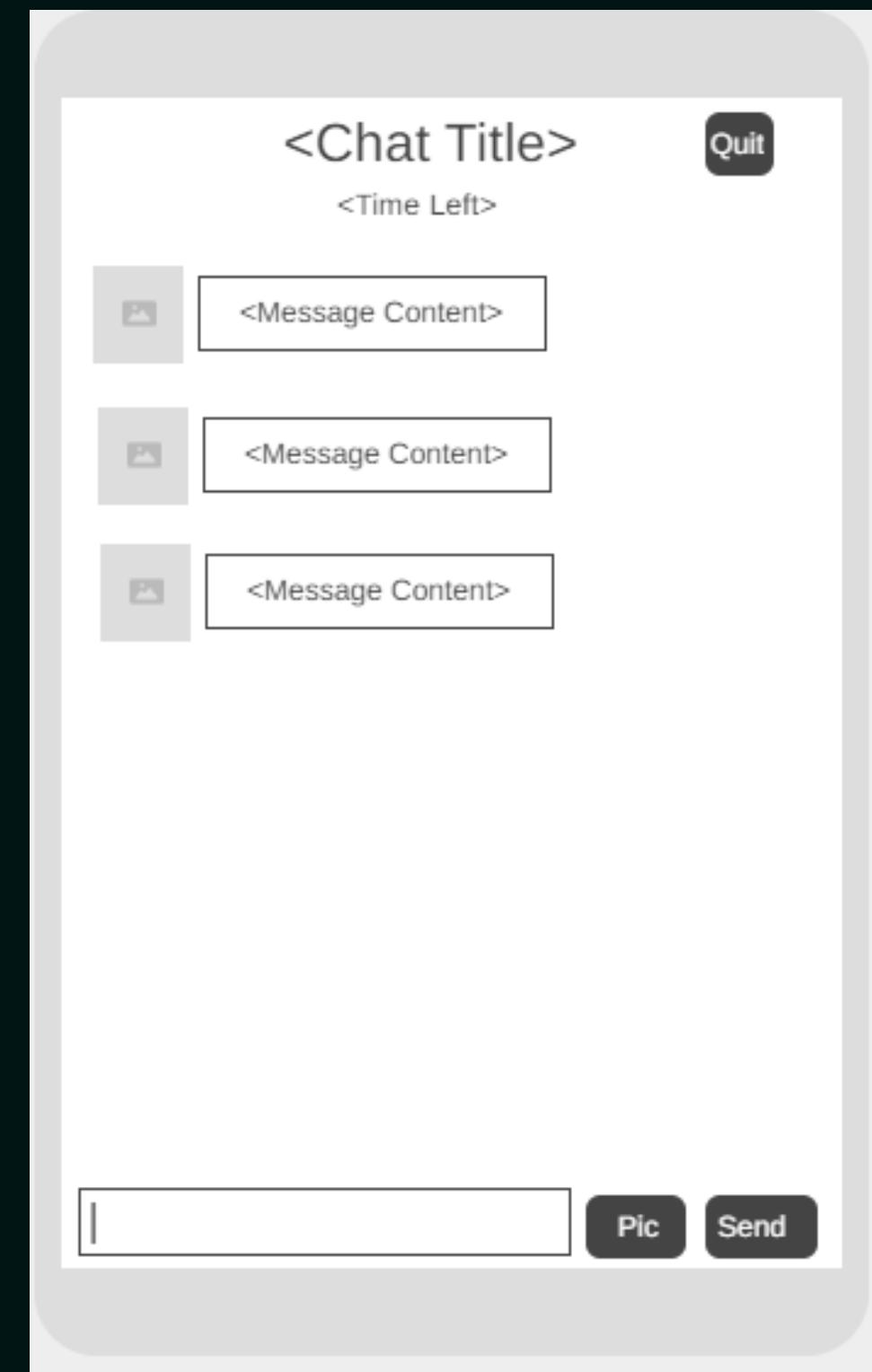
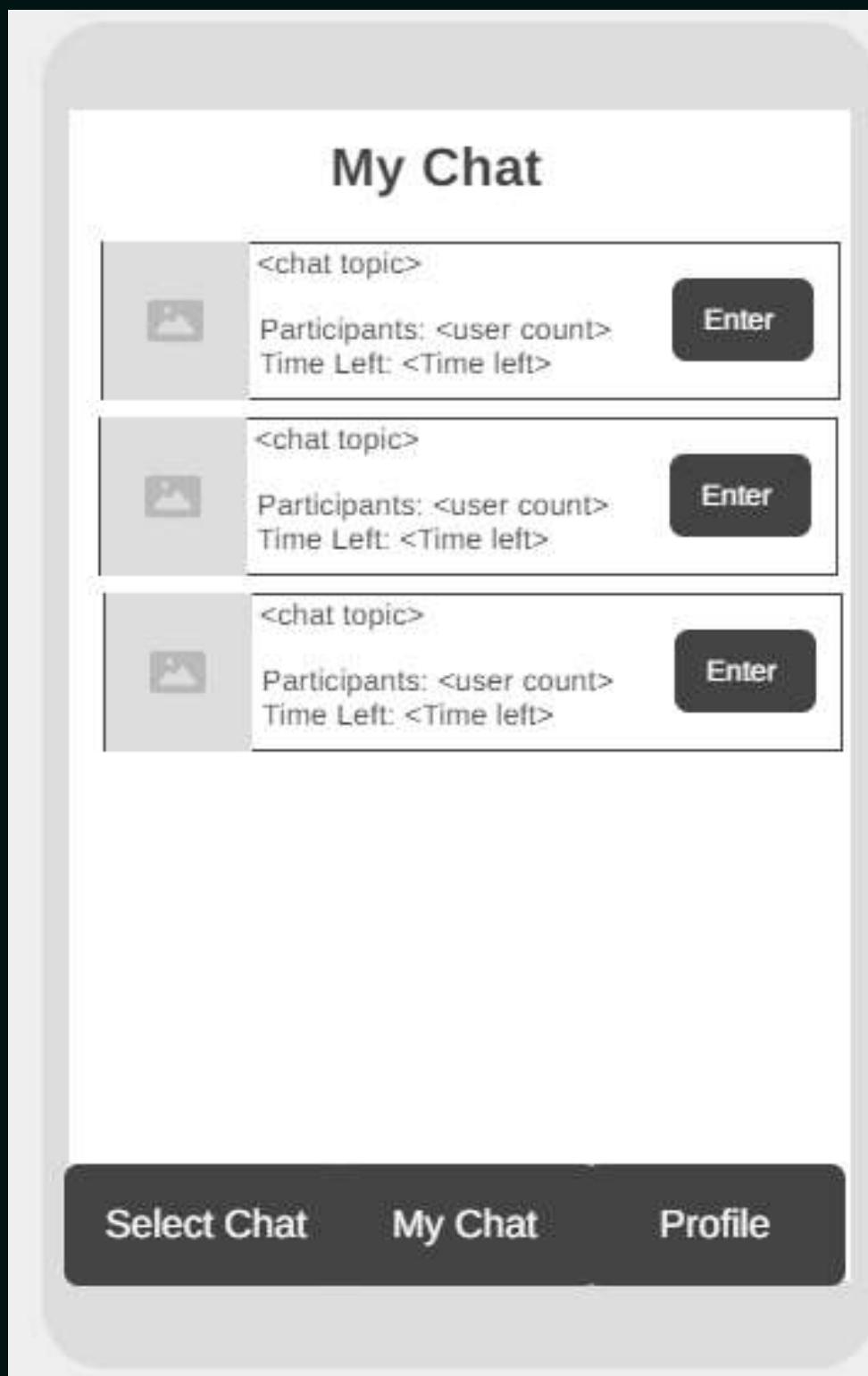
Select Chat Page+ Chat Detail Page + Set Chat Profile + Create Chat Page



Select Chat Page+ Chat Detail Page + Set Chat Profile + Create Chat Page

- In the **Select Chat Page**, user is able to see, search, create and enroll chats. Create button will direct user to the create chat page. Chat detail button will direct user to chat detail page. Search bar is for user to search chats based on chat name. Sort button allow user to sort chats based on enrolled user count.
- In **Chat Detail Page**, user can see the detail info of the chat. Click the enroll button will direct user to set chat profile page.
- In **Set Chat Profile Page**, user can set the profile pic and name for this chat. User can't input pic or name. Instead, user can click shuffle button and get random pic and name. Click enroller will direct user to the chat page, which will be covered later.
- In the **Create Chat Page**, user can create a new chat. Click upload will direct user to local album and user can upload a pic. Click random will generate a random pic. Click set time will pop up a time picker. Click create will create the chat and go back to the select chat page.

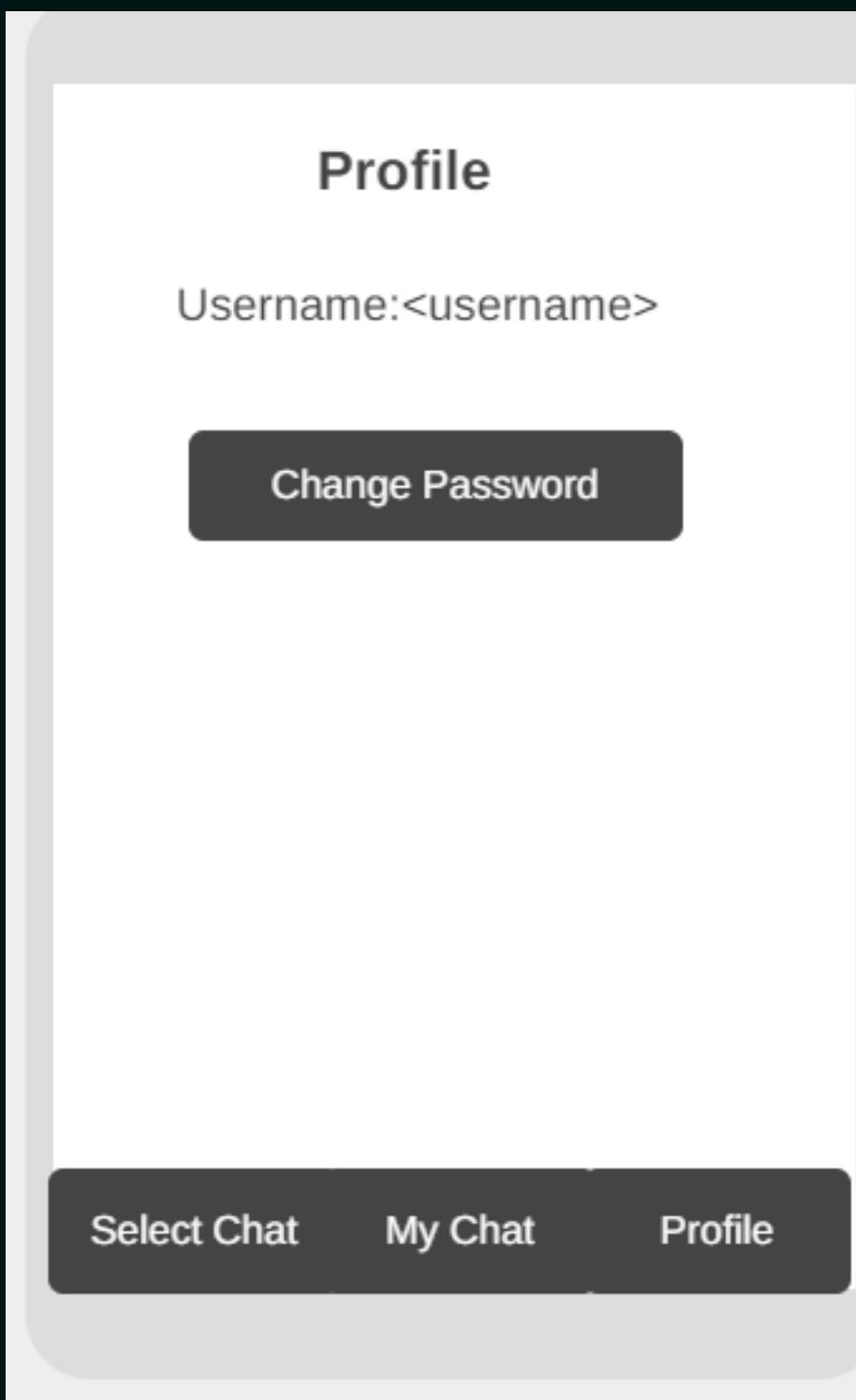
My Chat Page+ Chat Page



My Chat Page+ Chat Page

- In the **My Chat Page**, user is able to see all enrolled chats and click enter button direct user to the chat page.
- In the **Chat Detail Page**, user is able to chat with others. Clicking quit button will let user leave and direct user back to the My chat page. Click send will send message and click pic button allows user to upload a image from camera or from local album.

Profile Page + Change Password Page

A screenshot of a mobile application's change password page. The page has a light gray header and footer bar. The main content area is white. At the top left is the text "Change Password". Below it are two input fields: "New Password" and "Re-enter Password", each with a small checkmark icon to its right. At the bottom center is a dark gray button labeled "Confirm".

Change Password

New Password

Re-enter Password

Confirm

Profile Page + Change Password Page

- The **Profile Page** is very simple because we don't need and want much profile info from user. We might add a membership feature here but right now it only has a change password button. Clicking change password button will direct user to the change password page.
- In the **Change Password Page**, user is able to set a new password. The icon in the left of password indicates if the password meets requirements (e.g. contains letters and numbers). The icon in the left of re-renter password indicates if the re-entered password meets the previous one. Clicking confirm button will change password and direct user back to profile page.

Backend

- Profile: We intend to implement user authentication using Google's FirebaseAuth.
- Database: We use Firebase Realtime Database to store user data.
- Chat Feature: We intend to use Firebase UI oto implement the chat feature.

Sensors

- We use camera and photo album to enable uploading pictures.
- Although using location might seem suitable for an anonymous chat app, we believe it is unnecessary because it against the concept of being anonymous, and therefore will not implement it.

Timeline

Oct 25: Implement the login feature

Nov 7: Implement the select chat feature

Nov 21: Implement the chat feature

Nov 28: Implement the profile feature

Dec 4 : Finish project and upload