Features

Login/Register

Users can register an account using their email and password. Registration requires the user's full name, email and password. Passwords must be a minimum length of 6 characters. Once registered, users can login by using their email and password.

Home Screen

The home screen displays the hamburger button, search button, the groups you have joined, and the plus button you can use to create a group. If you have not joined any groups, there is text showing you how to join or create a group.

Hamburger button

The hamburger button leads to a menu where you can select the groups page, your profile page, or logout. It also displays your name and profile image at the top.

Profile

The profile page displays your profile image, your full name that you entered upon registration, and the email you registered with.

Creating a group

Pressing the plus button at the bottom right of the home screen with prompt you to enter the desired name of your group. Pressing create will create the group, and make you the group admin.

Searching for groups

Pressing the search button will give you a text field to enter the group name you want to join. Once you have found your group, you can see the group name, the name of the admin of the group, and the button to join the group.

Groups

Once you have joined the group, you can see previous message history, information about the group, and you can send messages to the group.

Signing out

You can sign-out by pressing the sign-out button on the hamburger button menu. This will sign you out of your account, and return you to the login screen.

Notes

Cross-platform availability

Currently this sample app is only available on android and the web. I discovered that I was unable to add compatibility to iOS systems, as it requires XCode to access certain iOS details for development. It's quite easy to add iOS compatibility to the app, but I would have to gain access to a MacBook device.

Chat feature

This application was created by a YouTube tutorial I found online. Although I am only using this app to show the concept of group creation, I have thought about adding the chat feature to my project,

which is in this sample app. I initially thought that I would leave communication tools out of my project, as I assumed users would use social media apps instead. However, it may be convenient for users to discuss payment or home-related issues on this application, as doing it on other social media apps might cause confusion, due to pre-existing conversations.

Link to GitHub repo

https://github.com/justinw1107/SampleApp

Link to tutorial

https://youtu.be/Qwk5oIAkgnY