Shared living "Roommate finder

Team Members

- Cheick Oumar: Prototyping, Conducting User research and General Project management

- Ebsa Jarso: Prototyping, Task Analysis and Drawing Sketches

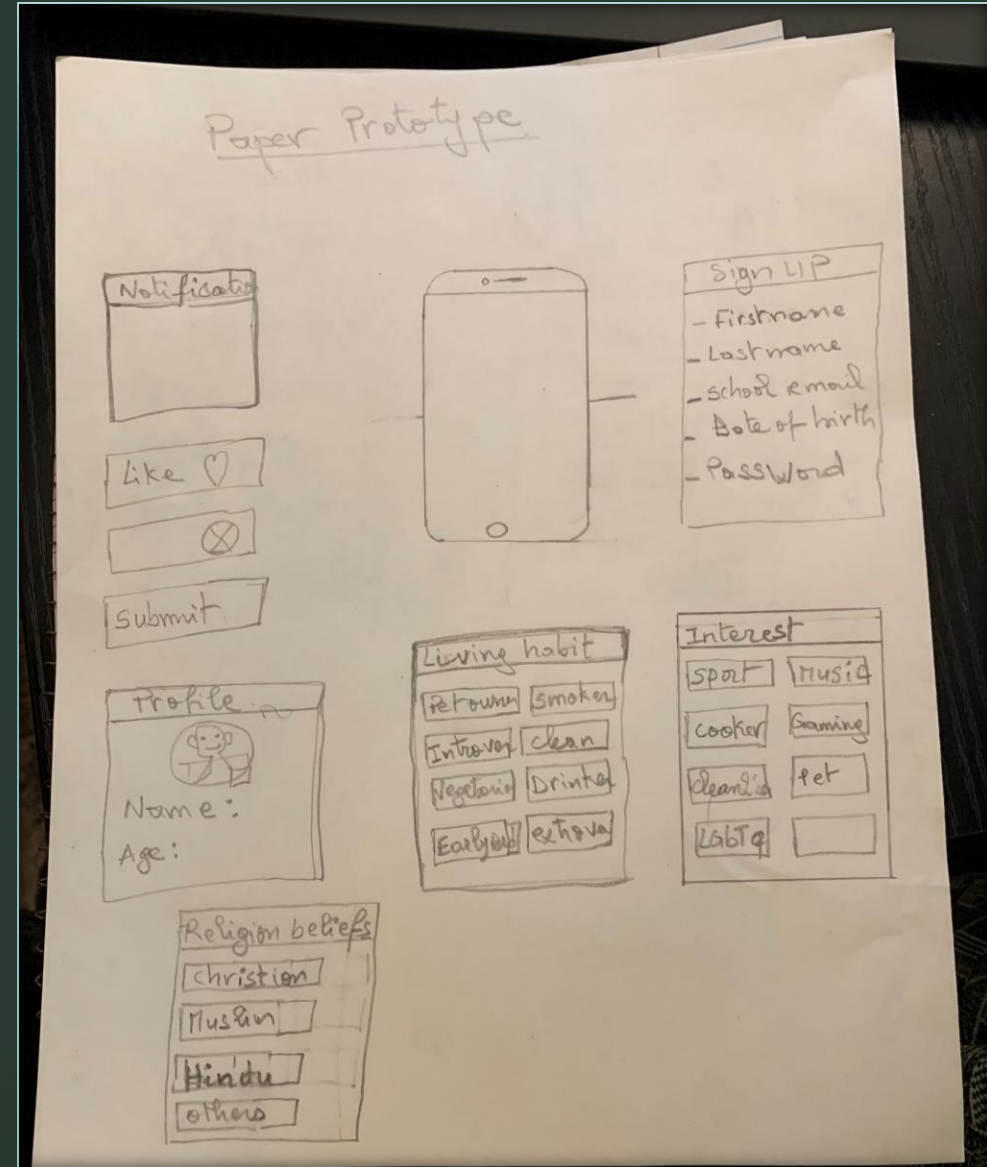- Missingo Ben: Prototyping, User Research and Drawing sketches

Problem and solution overview

- Finding Compatible Roommates for shared living arrangements is often time-consuming and stressful but Shared living is a roommate finder platform that matches individuals based on lifestyle preferences, interests and living habits simplifying the process of finding the perfect roommate.

Paper prototype overview

- Our paper prototype includes two parts

- Smartphone application prototype: displays user profiles with age, interests, and living habit.

- Smartwatch application prototype: sends notifications for potential matches, showing age, profile picture, interests, and living habits. Allows ease access to match updates on the go.

Initial Paper Prototype

Initial Paper Prototype:
Sign-up pages

Initial Paper Prototype: Display Room details and User information

- This prototype shows how the user profile and room details will be displayed
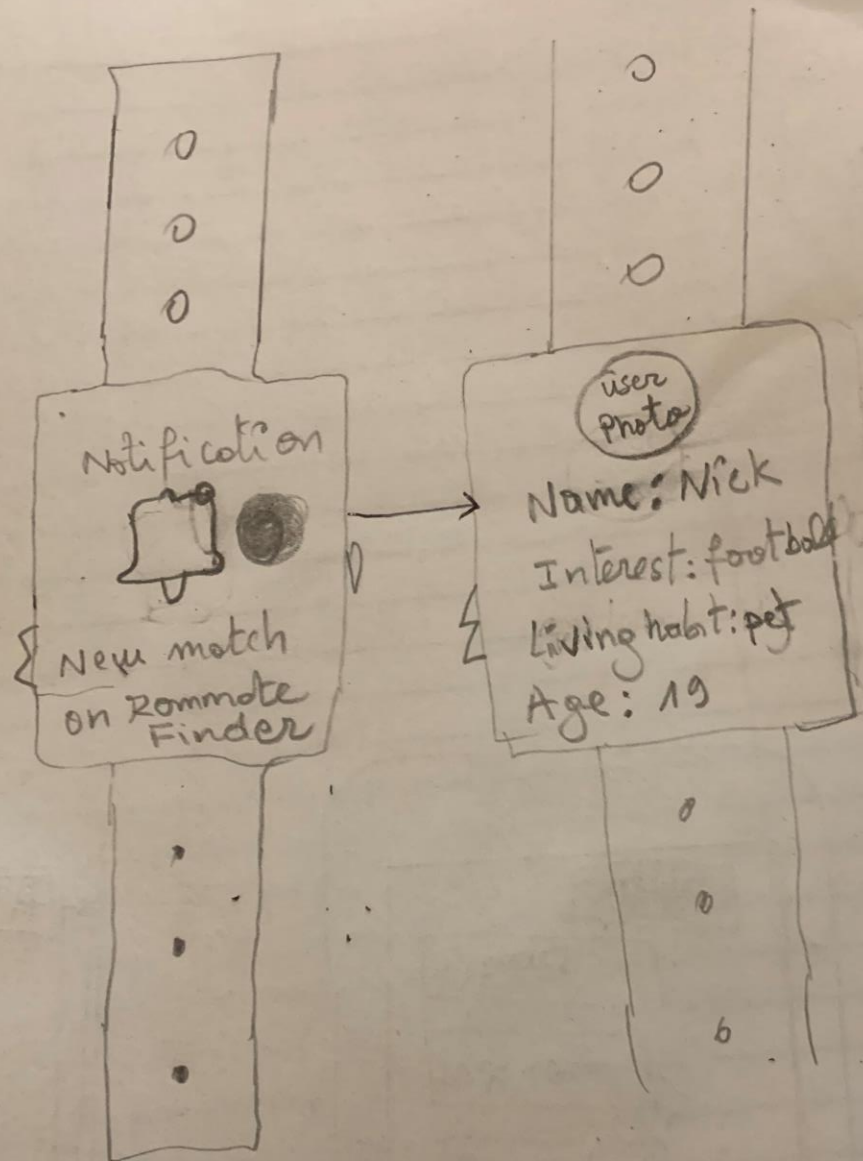
This prototype shows a smartwatch that display a notification when a user got a match.

Initial Paper Prototype:Smartwatch display prototype

Testing Process

Method: we conducted usability testing with 10 participants from diverse backgrounds

Evolution: initially, the testing was informal, but we refined our process to include specific tasks and questionnaires to gather structured feedback.

Testing results

- First test: users found the profile creation intuitive but were confused about moving between pages because the arrow alone wasn't enough clear to tell the user to move to the next page

- Update: we added a "Next" label to the arrow to allow users to know what to do to move to the next page.
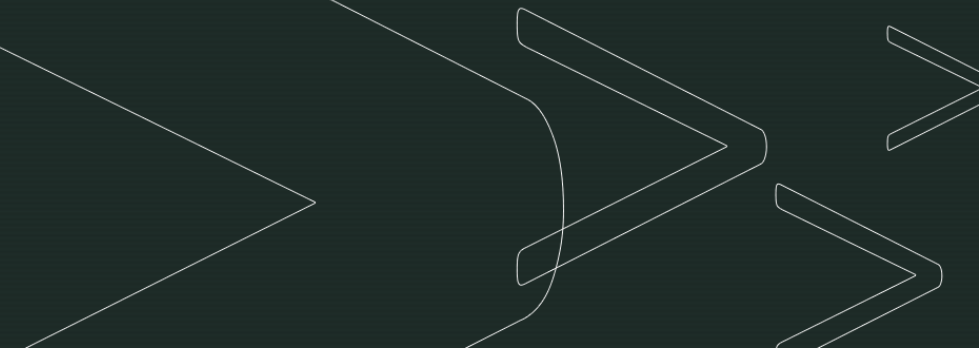
Discussion

- Through iterative design, our roommate finder app evolved into a user-friendly platform, shaped by user preferences and usability tests. This process refined our UI, added user-requested features, and streamlined tasks. While more iterations could have enhanced the app further, we stuck a balance between testing and development. Overall, iterative design led to a final product that prioritizes user needs and usability.
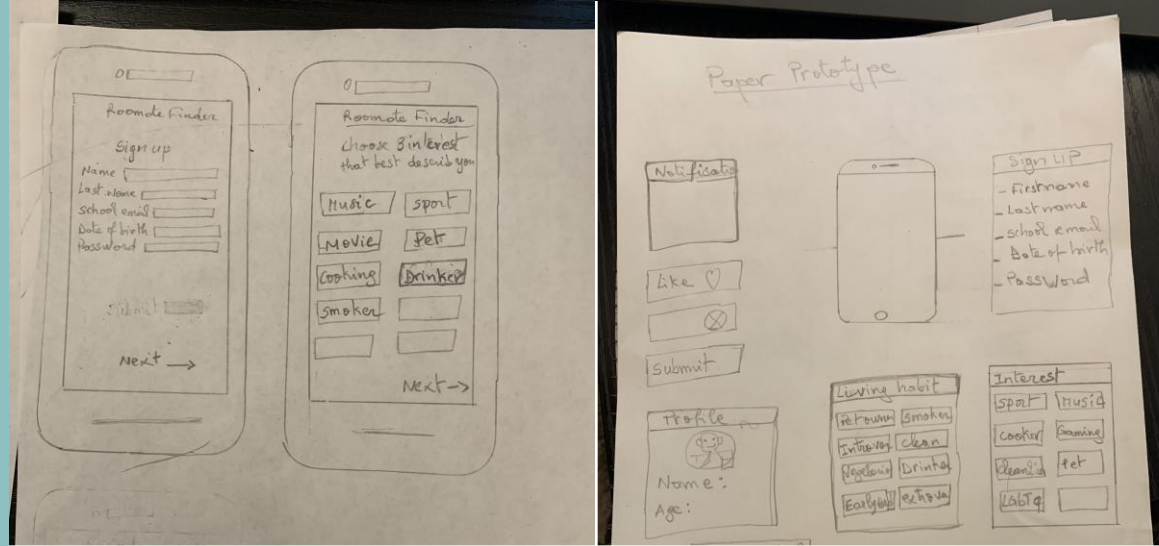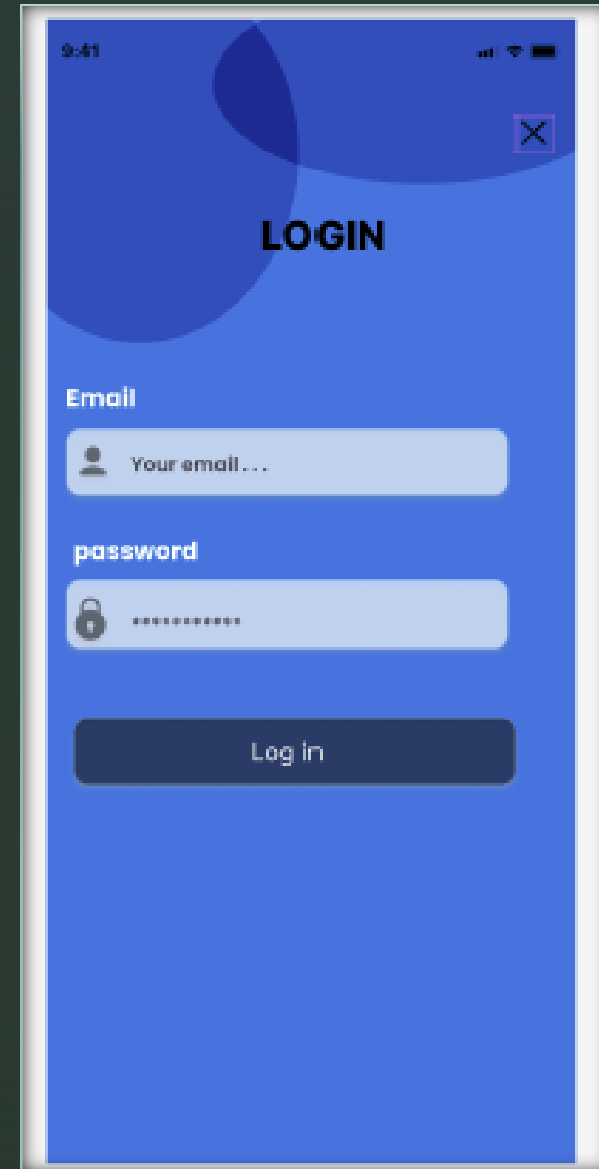
Final Paper
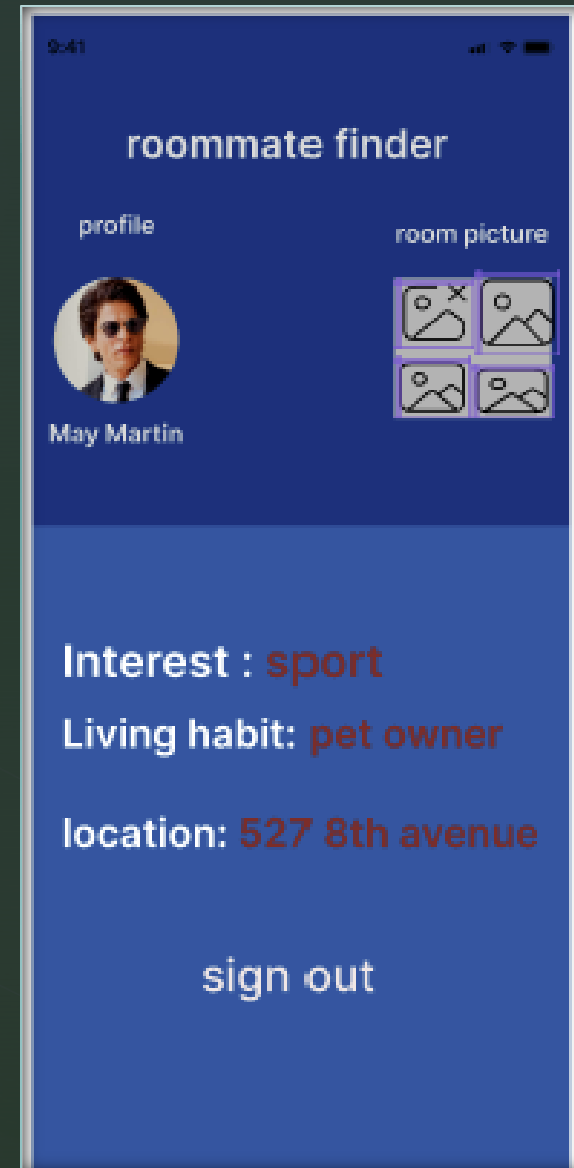Prototype Overview
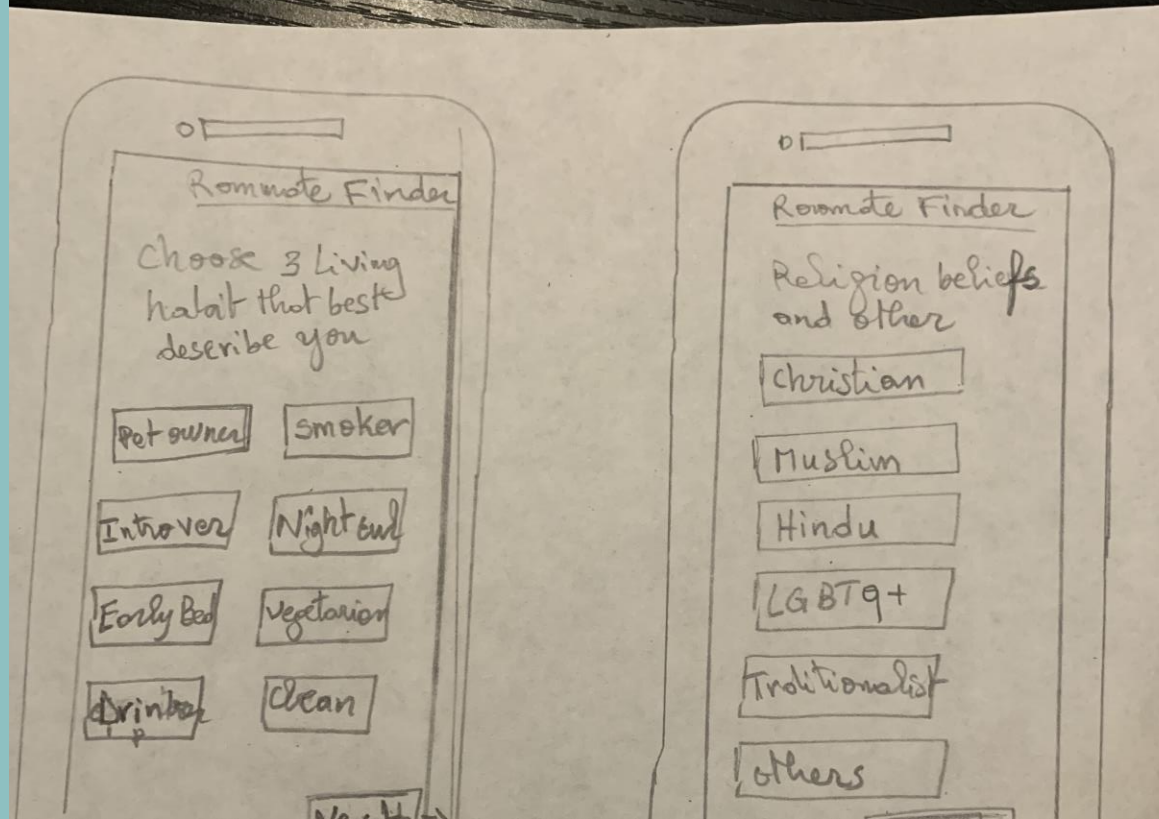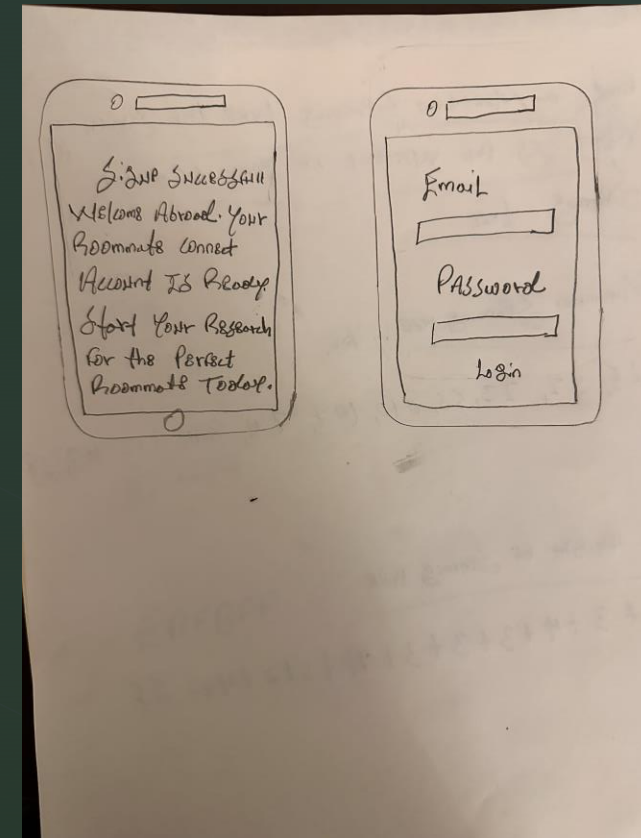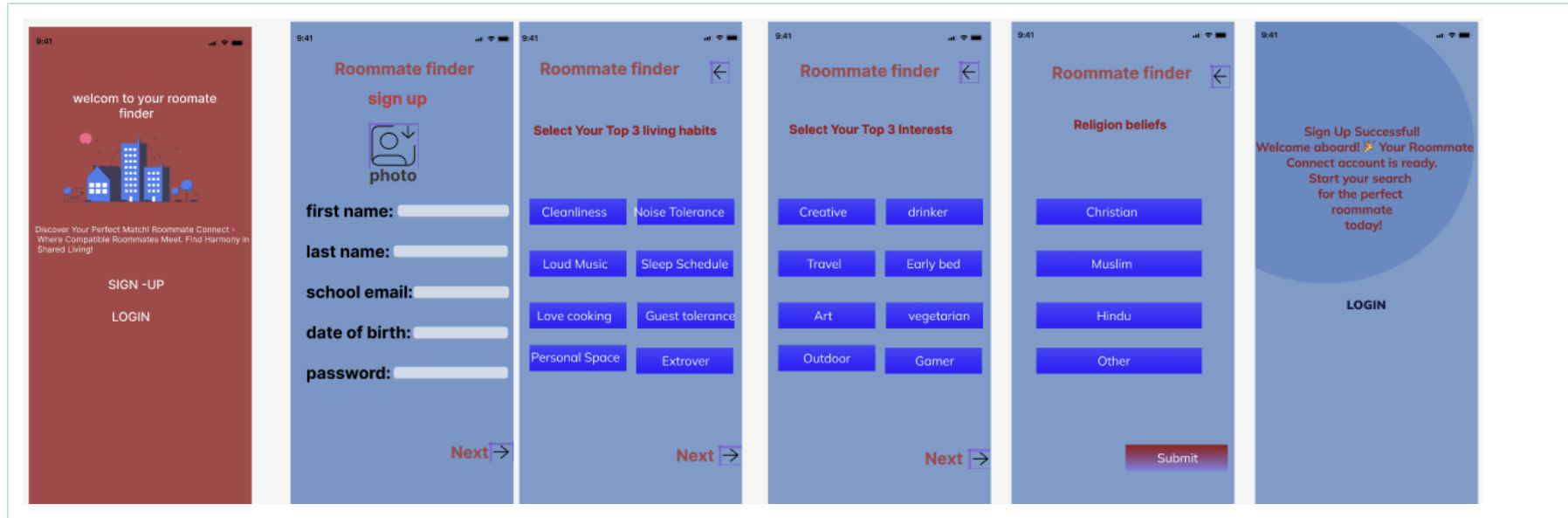
Digital Mockup: Signup Pages

Digital Mockup: Login

- After completing the signup process, the user can login The Finder Roommate app.
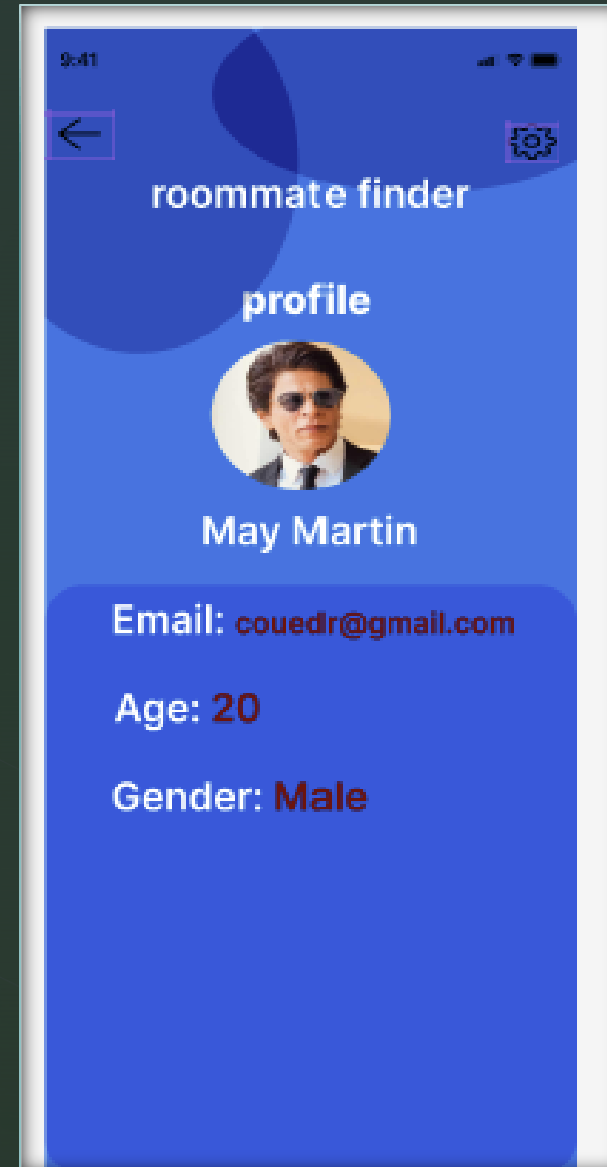
Digital Mokup: User Profile

- The user will submit their preferences and information, that's will help them to match with potential roommates who have compatiable living habits, shared interests, age and Religion.

Digital Mockup: user Profile

When you click the user profile you will see a user email, Age and gender. The user profile will show the person information.

Digital Mockup: Room Details

- The user will be able to view details of various rooms available. They can then select the room they prefer based on factors like room type.

In Summary

Finding a compatible roommate for shared living arrangements is often time-consuming and stressful.

The Roommate Platform uses advanced to match individuals based on criteria such as age, interests and living habits.

Shared living streamlines the roommate search process, making it easier for individuals to find the perfect roommate and create a harmonious living Environment.