

Commute Connect

Student: Antonio Porven

Mentor: Andres Diazvictores, Product Owner

Instructor/Faculty: Dr. Masoud Sadjadi, Florida International University

PROBLEM

With our application being a ride share application it needed a way for people to see who they are ride sharing with and what better way for this than a profile page displaying the User.

The lack of a profile page makes our application less transparent to the user as they do not know who they are ride sharing with and their reputation on our app.

With the creation of a profile page another problem presents itself to us and the user and this would be the ability to edit your profile page.

SYSTEM DESIGN

When a new user is created their data is uploaded to the Firebase real time database and a profile is created for the user. In the frontend of the application the user is able to view their profile in the profile section.

The user is able to edit their profile through the edit profile button and change their username, bio, and profile image.

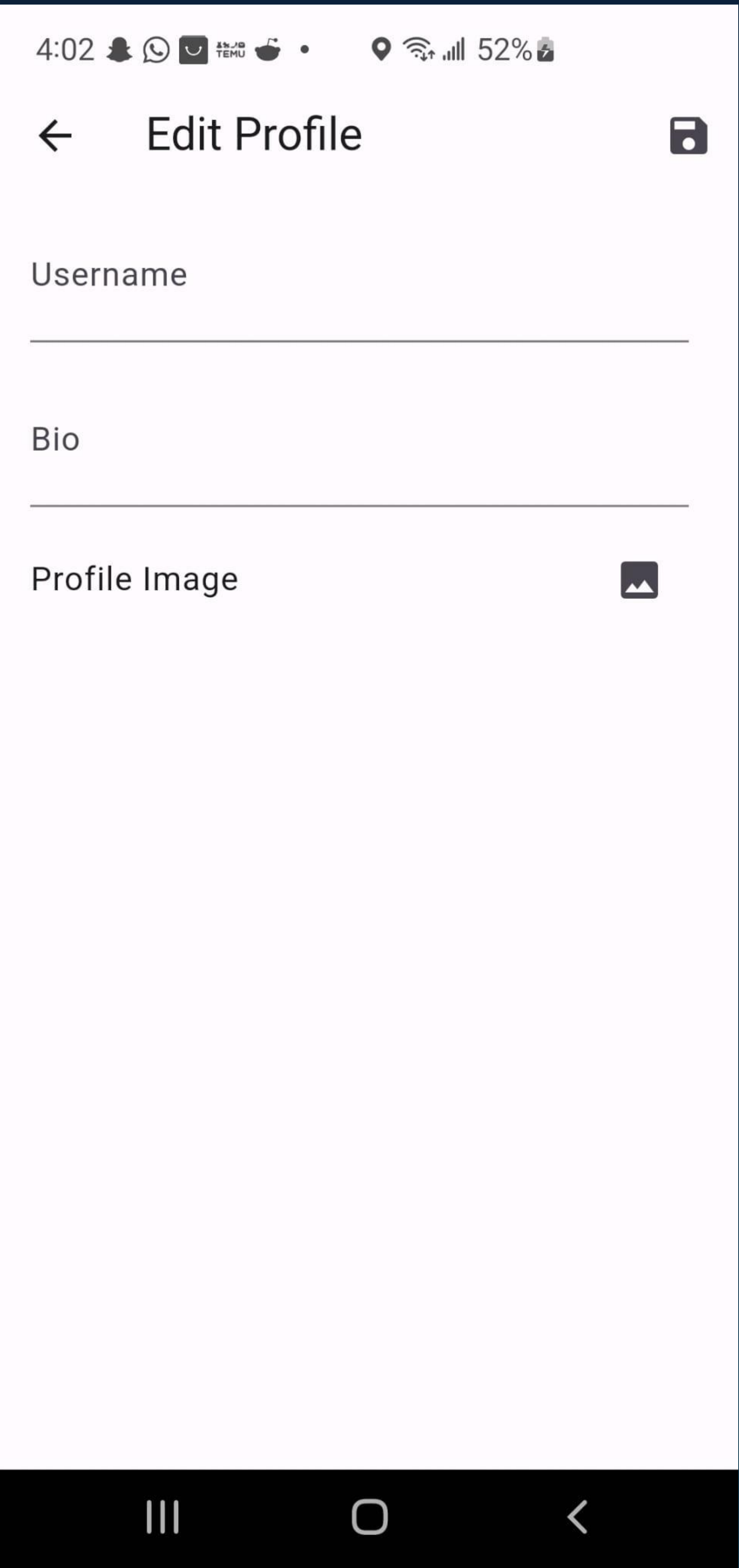
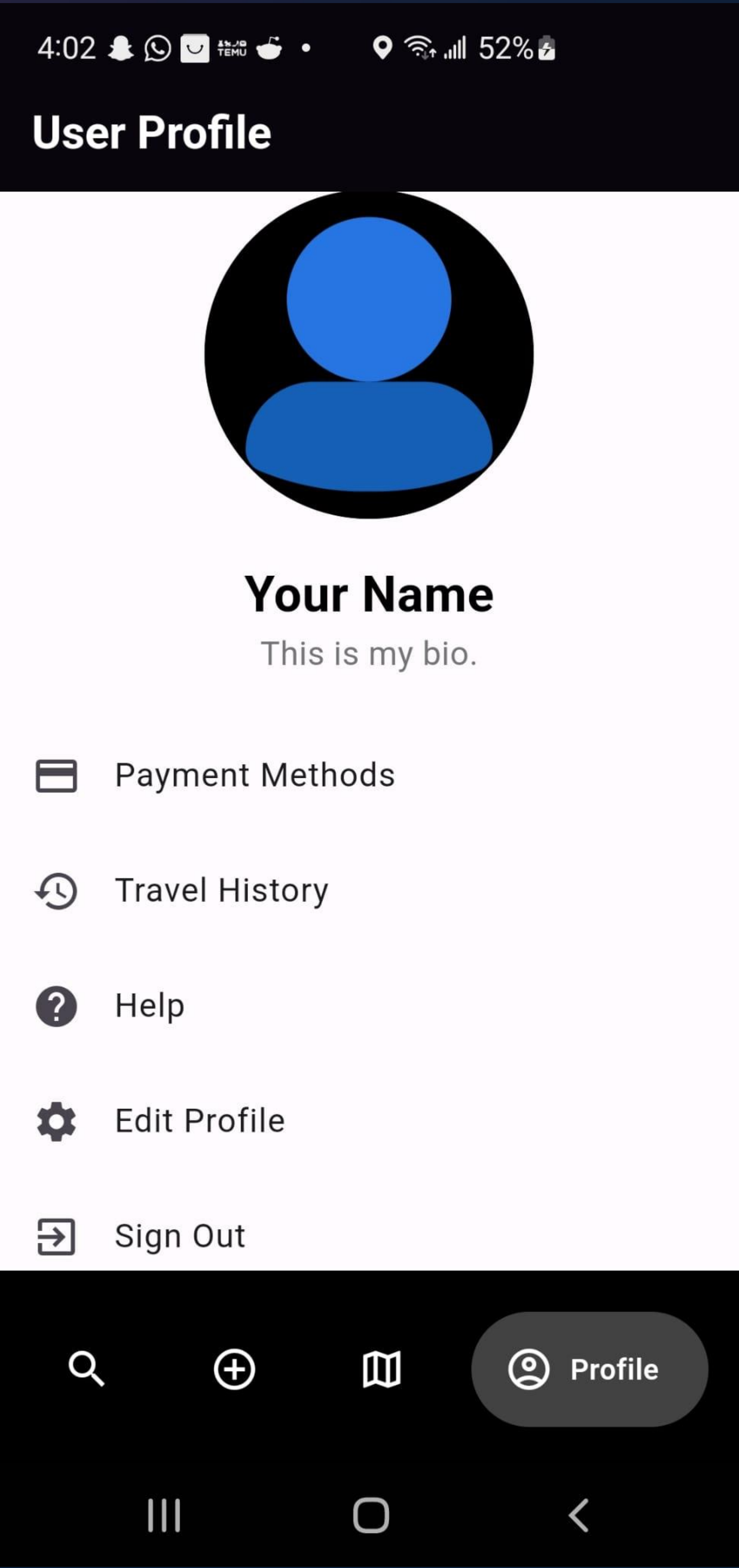


Firebase



Flutter

APP DESIGN



IMPLEMENTATION

The Profile page was implemented by adding a user table in the back end and the user data is extracted in the frontend by a models file on a profile page template that displays the user data.

The edit profile feature was implemented by allowing the user to override certain details from their account. Once the user clicks the save button the new information they entered will override their previous info and then be displayed on the profile page,

REQUIREMENTS

Various things are needed to be able to run the application and they are as follows

- A stable internet connection to be able to connect to the Firebase server
- An Android device that has android 10 or higher
 - Or
- VS code with Flutter and an Android emulator.

SUMMARY

In summary, with the lack of a way to know the person who you will rideshare with the profile page was created to give the user a bit of background on who they will be ridesharing with. The user profile data is obtained from the user when they signup and they can edit some of their profile information through the edit profile button.

ACKNOWLEDGEMENT

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