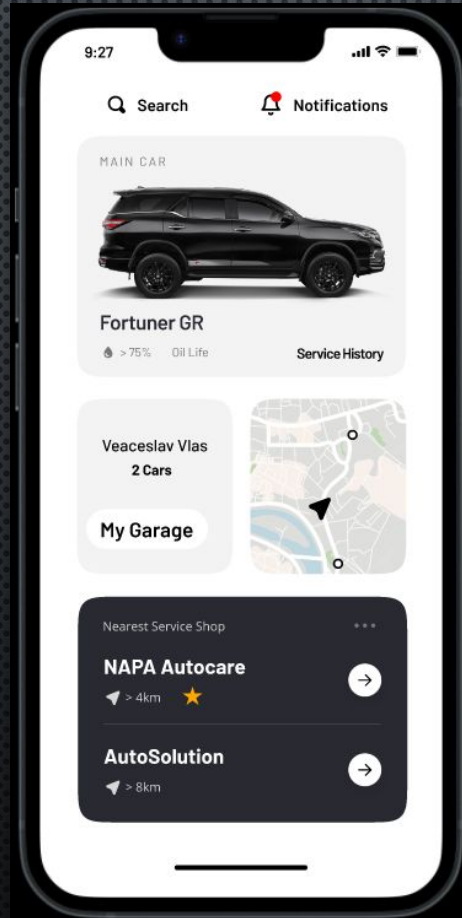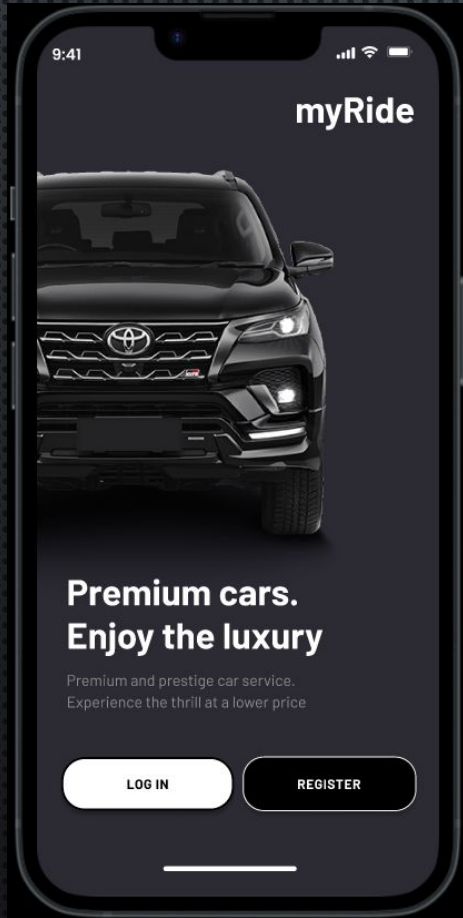# myRide

Mobile App Dev
Final Project Proposal

Anthony Mastronardi | Dé Andre Powell McKain | Veaceslav Vlas
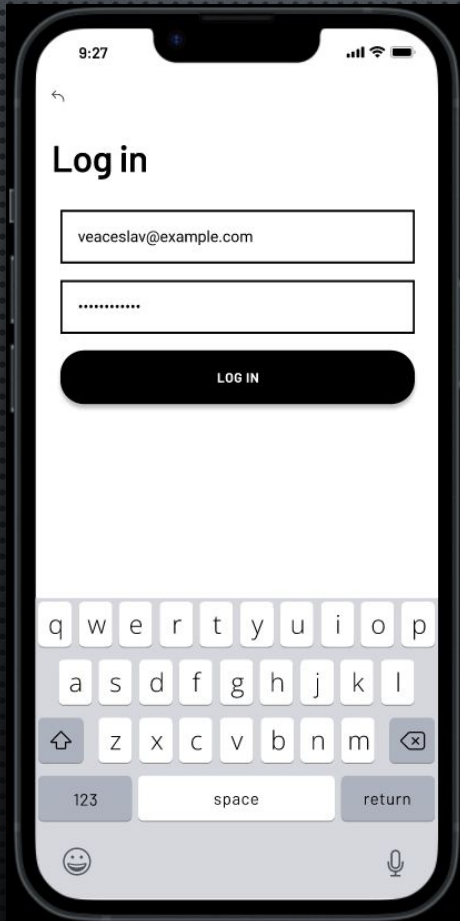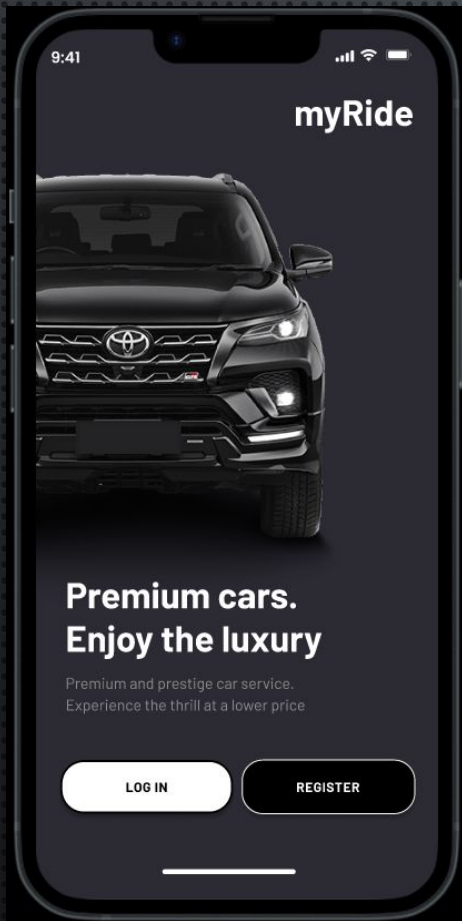
myRide
Maintenance Tracker

The idea behind this project is to facilitate users to take care of their cars by integrating features like:
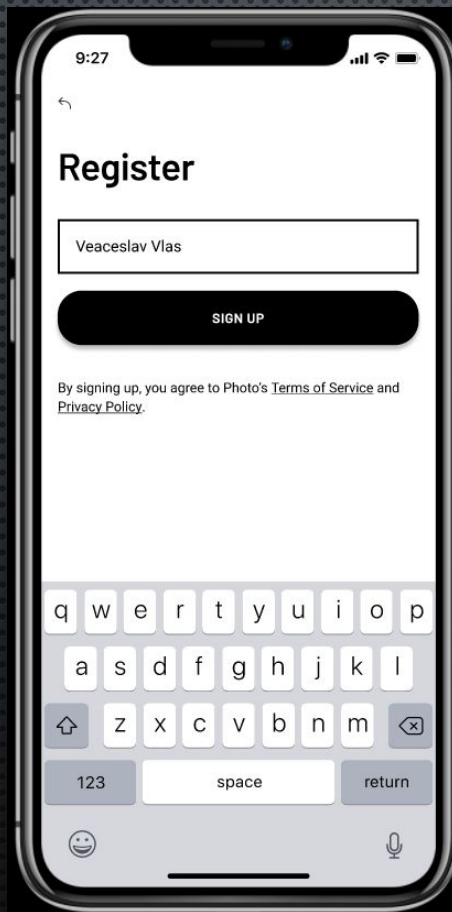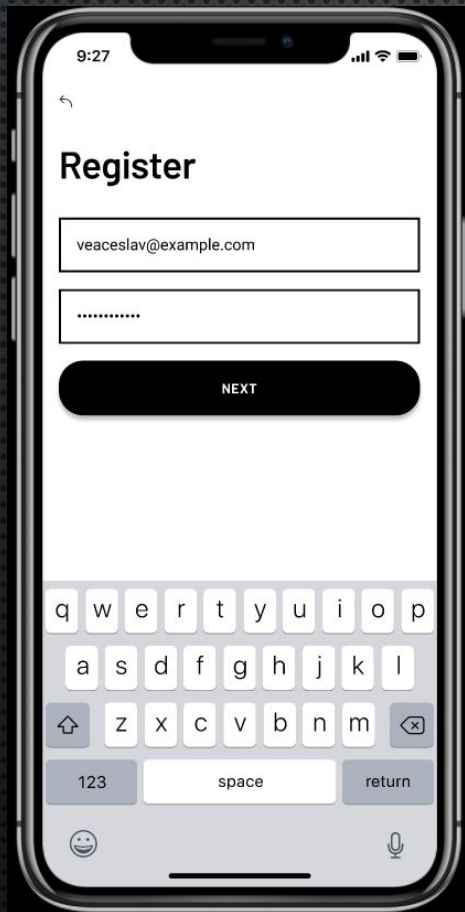
- Adding Cars
- Service history
- ToDo service lists
- Nearest shop finder
- Favorite shops
- Service reminders

MAIN PAGE
USER LOGIN

First Page Users get greeted by will be a Welcome Page with the option to Login or Register
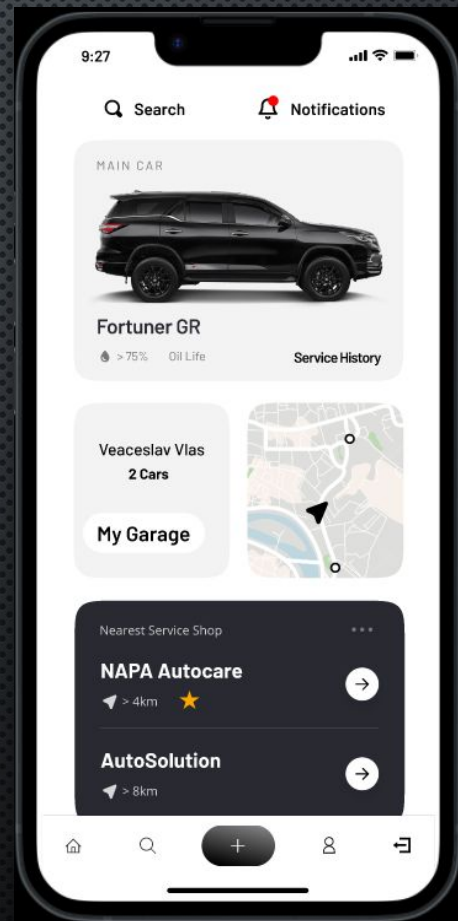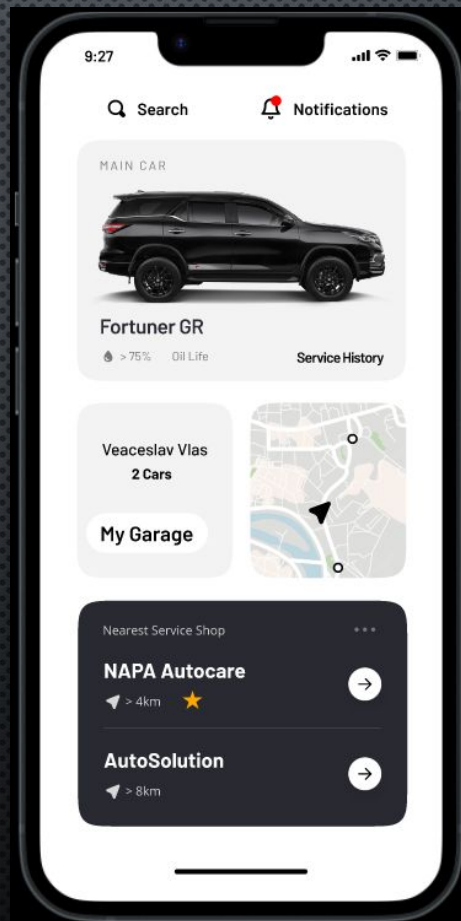
REGISTER

Register page in which they will have to input their information to have access to the App.
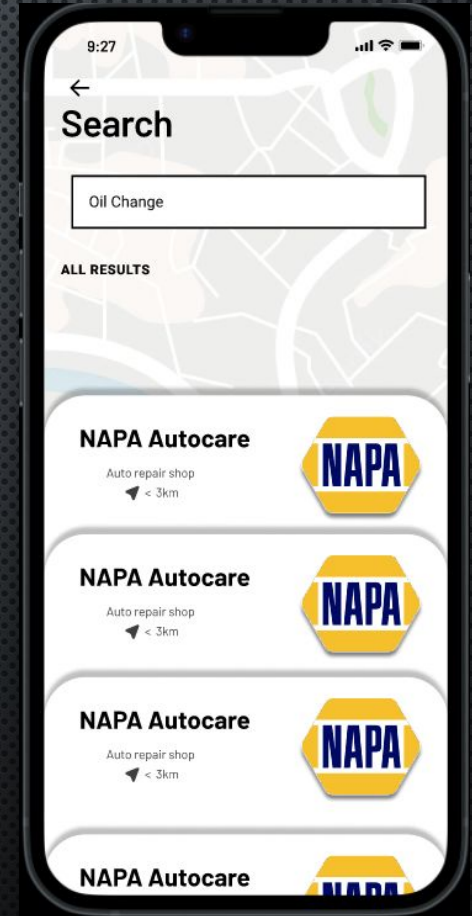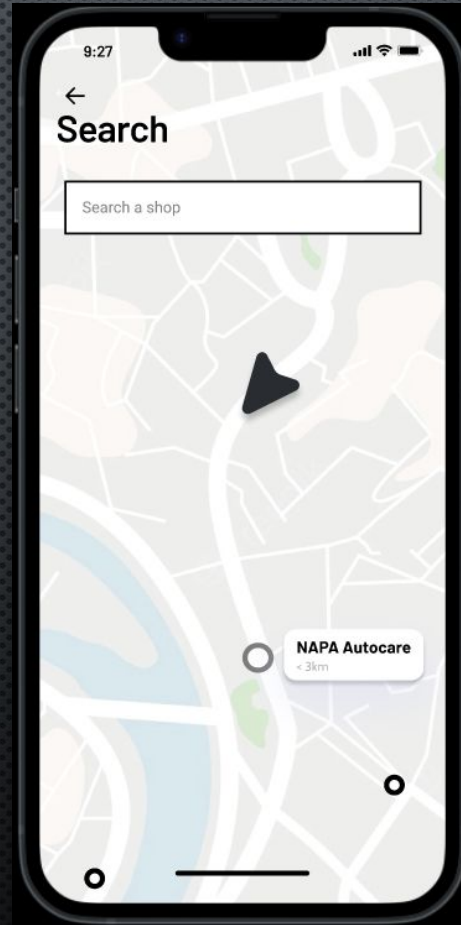
HOME

Home screen, the place that ties everything together: Current Car; My Profile; Mini Map; Nearest Repair Shop along with a bottom menu.
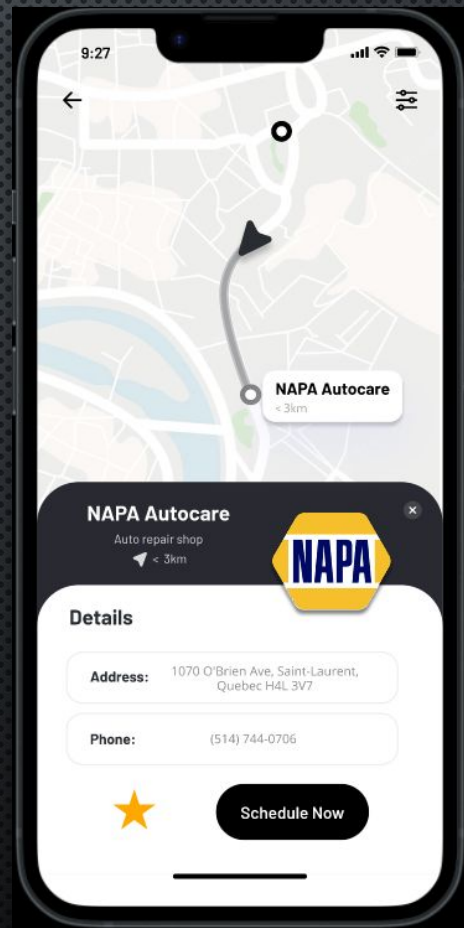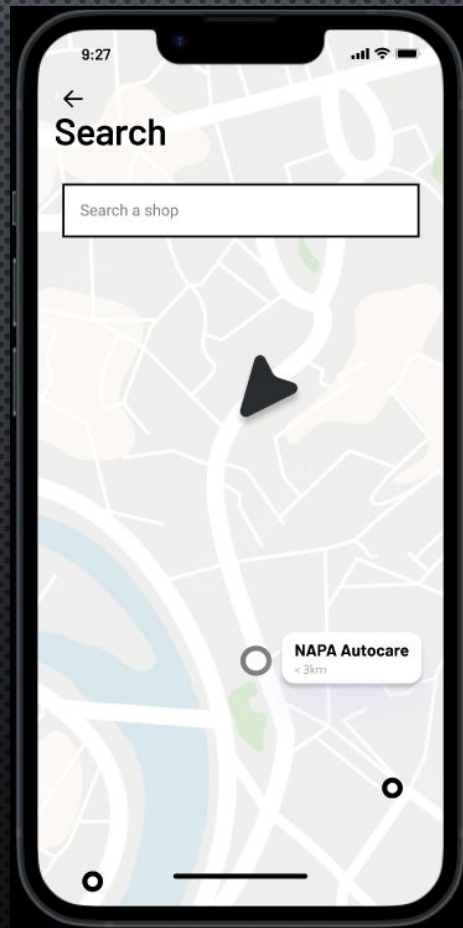
SEARCH

Search feature will allow the user to quickly find a repair shop around his current location.
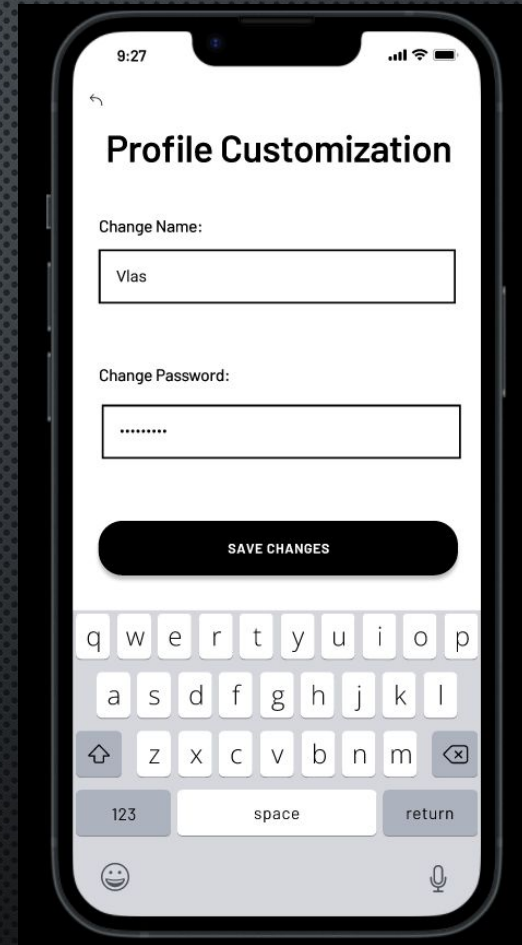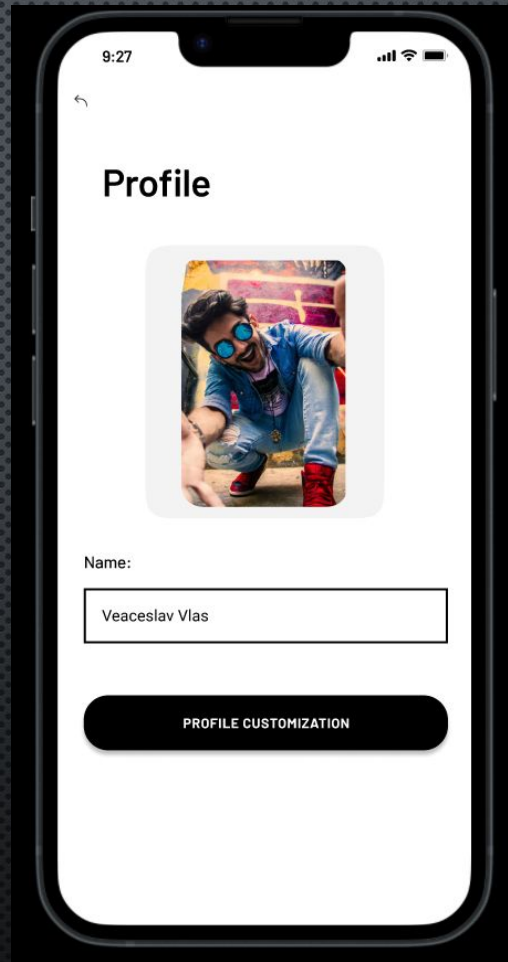
DETAILS

Once a service shop is clicked, on the map, from search or from the home page nearest shops tab, the user will be able to:
- See the repair shop details
- Save the shop to favorites
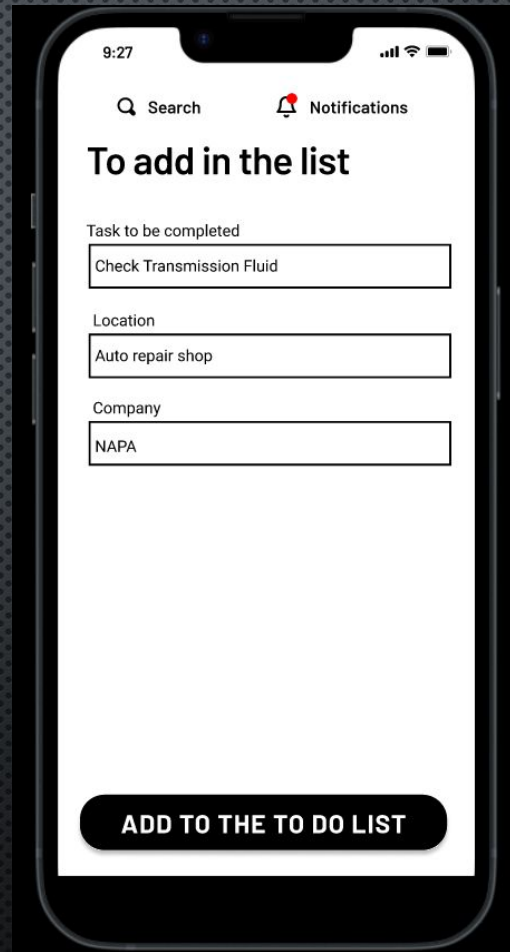- Click on Schedule wich will start a call with the repair shop.

CUSTOMIZE PROFILE

- Here, the user can view and customize their profile page. They have the option to change their username, their password and their profile picture

TO DO LIST

- This page contains a list of tasks the vehicle owner wants to get done.

MY GARAGE

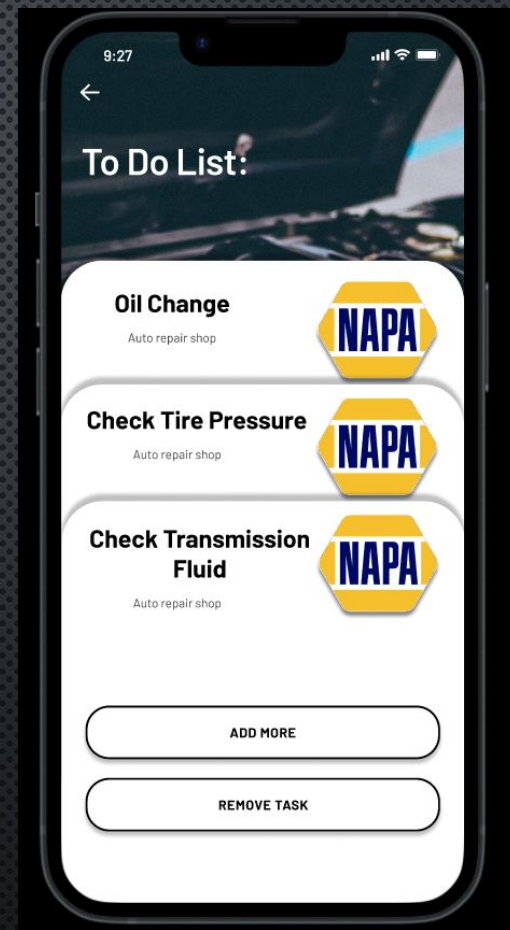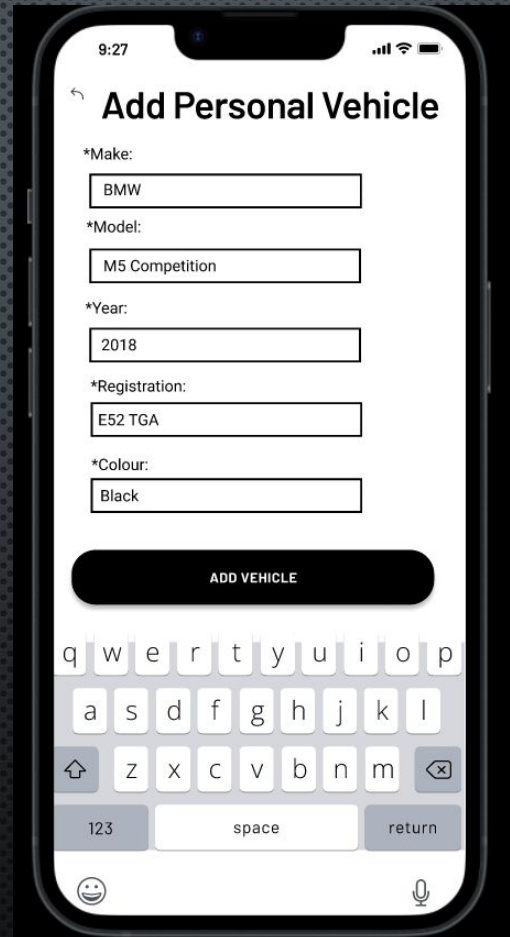My Garage view will be the place where the user can see all his added cars.

The user will also be able to add a car from my garage or home page view.

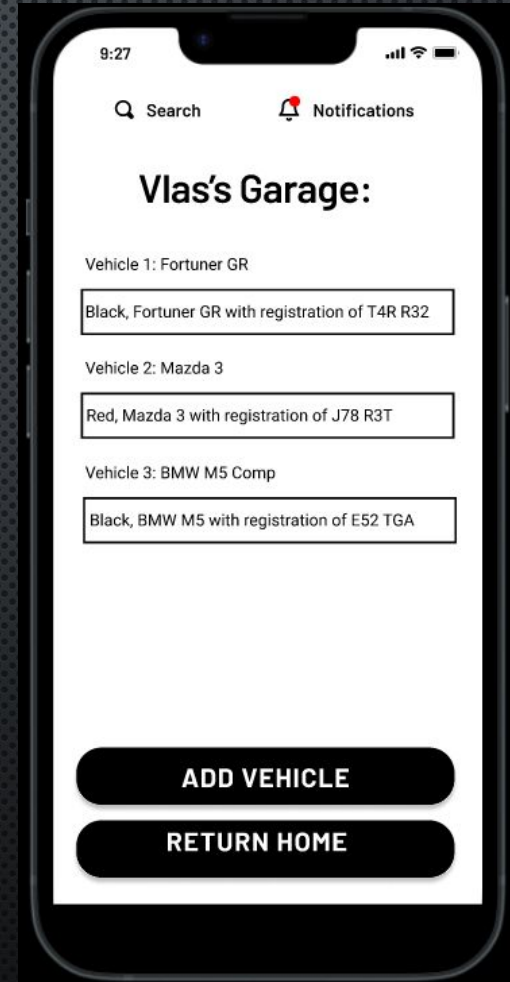**Add Personal Vehicle**

*Make:
BMW

*Model:
M5 Competition

*Year:
2018

*Registration:
E52 TGA

*Colour:
Black

ADD VEHICLE

Search   Notifications

Vlas's Garage:

Vehicle 1: Fortuner GR

Black, Fortuner GR with registration of T4R R32

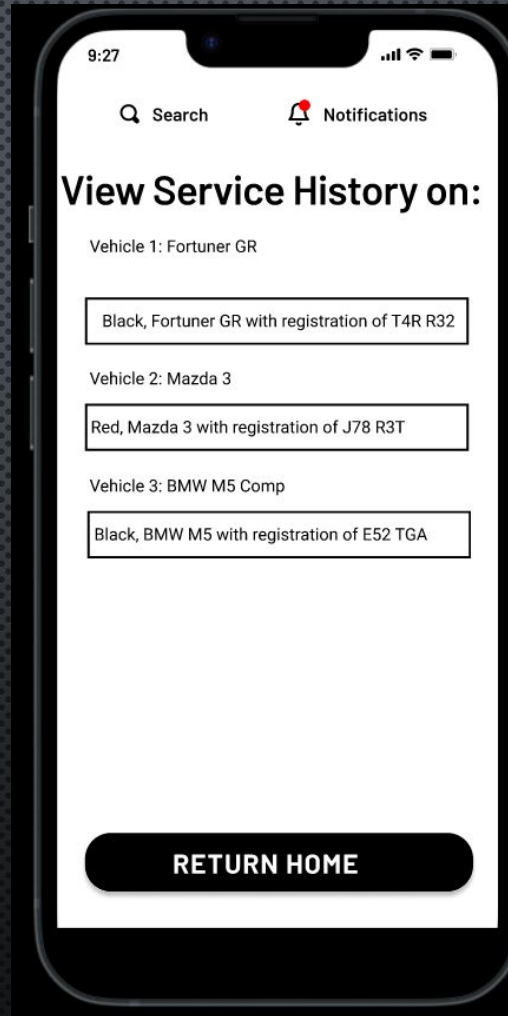Vehicle 2: Mazda 3

Red, Mazda 3 with registration of J78 R3T

Vehicle 3: BMW M5 Comp

Black, BMW M5 with registration of E52 TGA

ADD VEHICLE

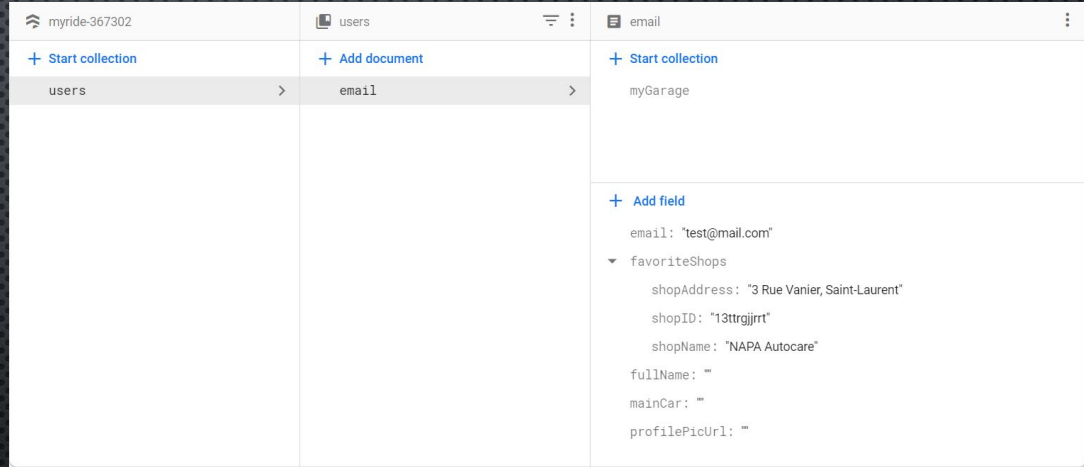RETURN HOME

SERVICE HISTORY

- This is the feature to view the history services done on your garage. When choosing a vehicle, the maintenance done is shown on the car

DATABASE

We choose to go with Firebase and Firestore for our data and file storage.

We choose to do so because we can have real-time change listeners, it is a cloud database and it has a very easy architecture to add more things on the go.

DATABASE

Each User Will have a collection named myGarage where the user will be able to store his cars.

Next, each car will have a subcollection serviceHistory that will store the TODO services or services DONE.

Github Link

https://github.com/vlasslavic/AppDev_myRide

Figma Link

https://www.figma.com/proto/9AFri094oc6FszBxwnizdi/myRide