EE/CprE/SE 4920 WEEKLY REPORT 2
number: 44

Project title: ***FixIt***

Client &/Advisor: Berk Gulmezoglu

Team Members/Role: ***Benjamin Muslic, Jonathan Duron, Mohammed Elaagip, William Griner***

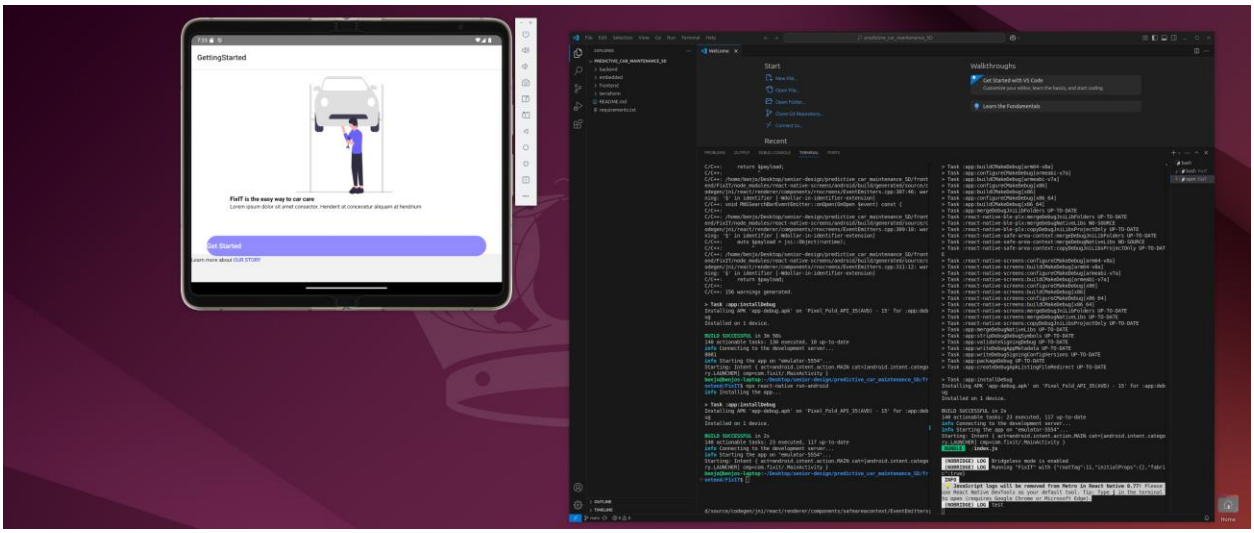
Weekly Summary

Good progress has been made with the team so far. From everyone's environment getting setup to some UI enhancements. Soon it is time to advance to the AI integration and demo users.

Past week accomplishments

Benjamin Muslic

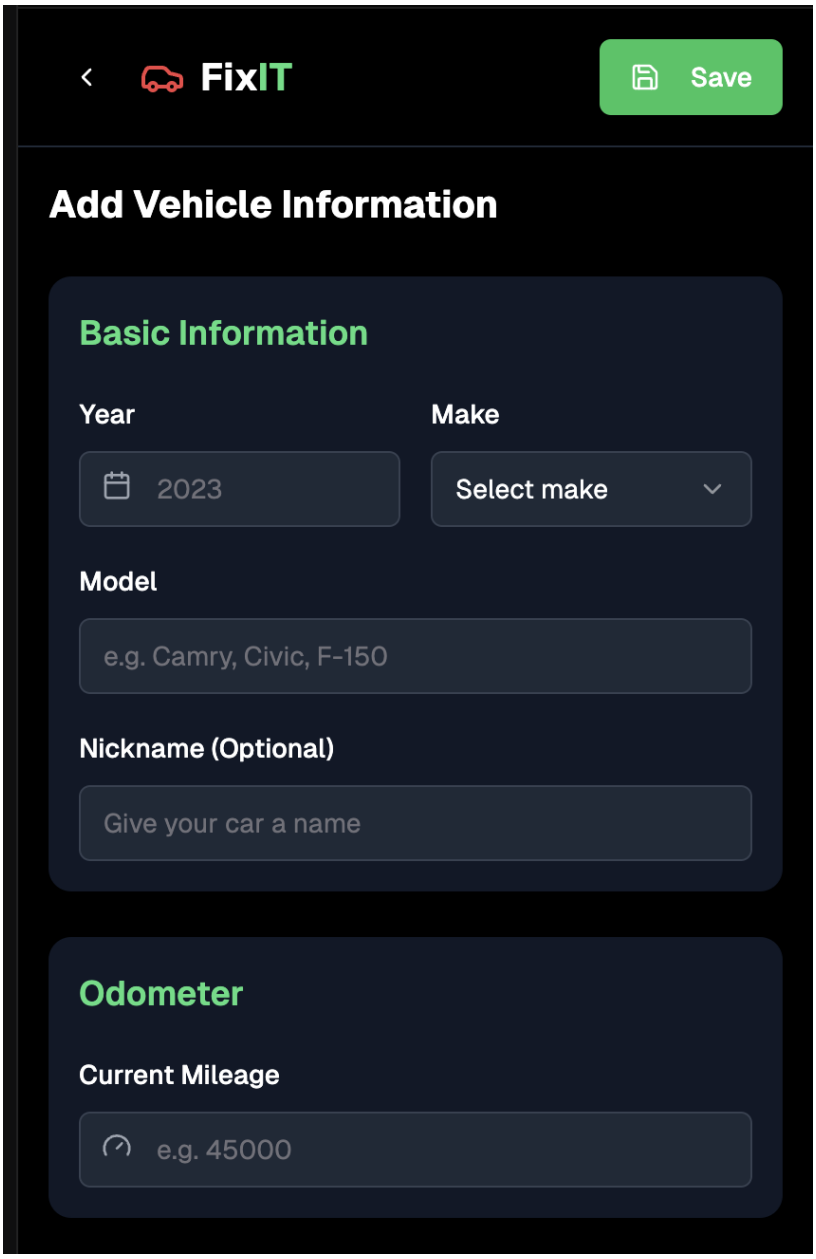
- Secured additional ECU-SIM and other equipment for faster development
- Set up git repo and installed necessary libraries for app development
- Switched to Ubuntu as the rest of the team is running on Unix based system (MacOS). Was having built issues on Windows
- Pitched idea to ISU Pappajohn

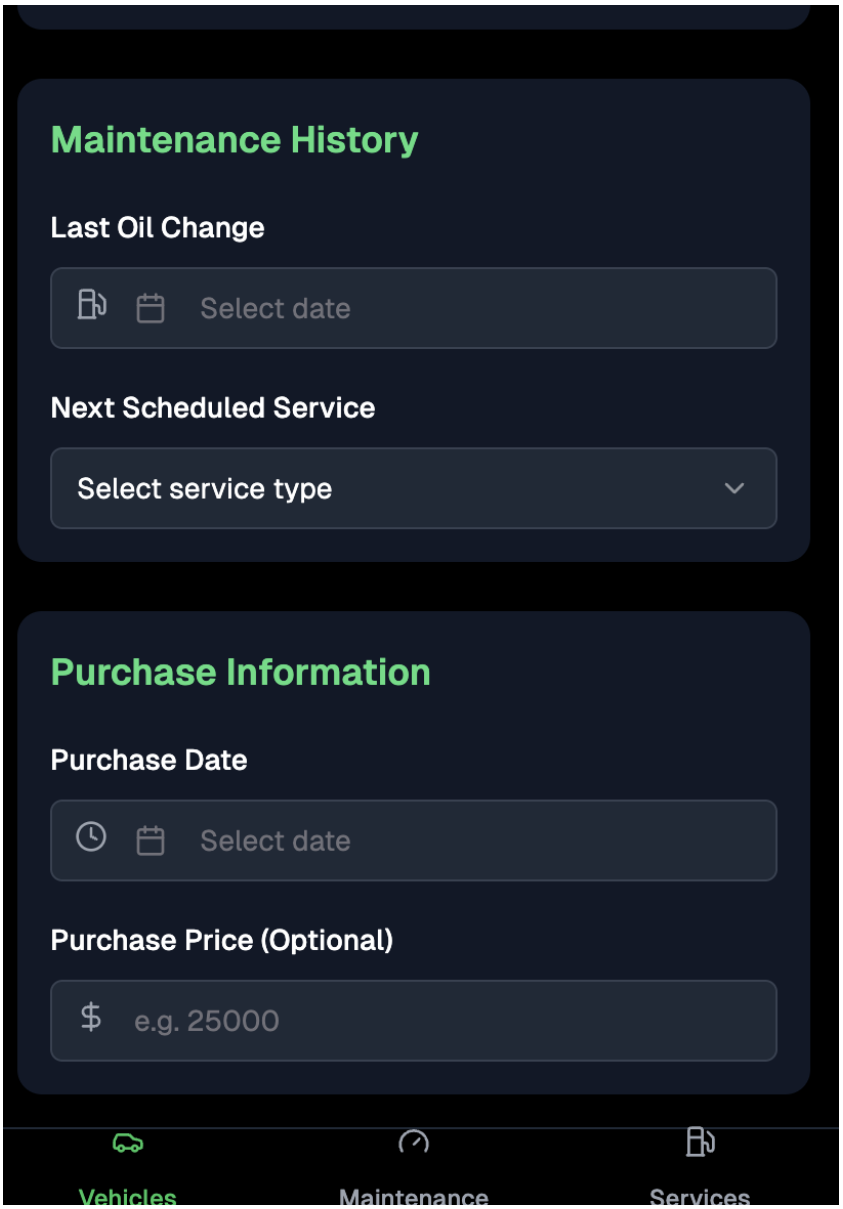


Jonathan Duron

- Helped my teammates setup their environment to run the react native onto their machine

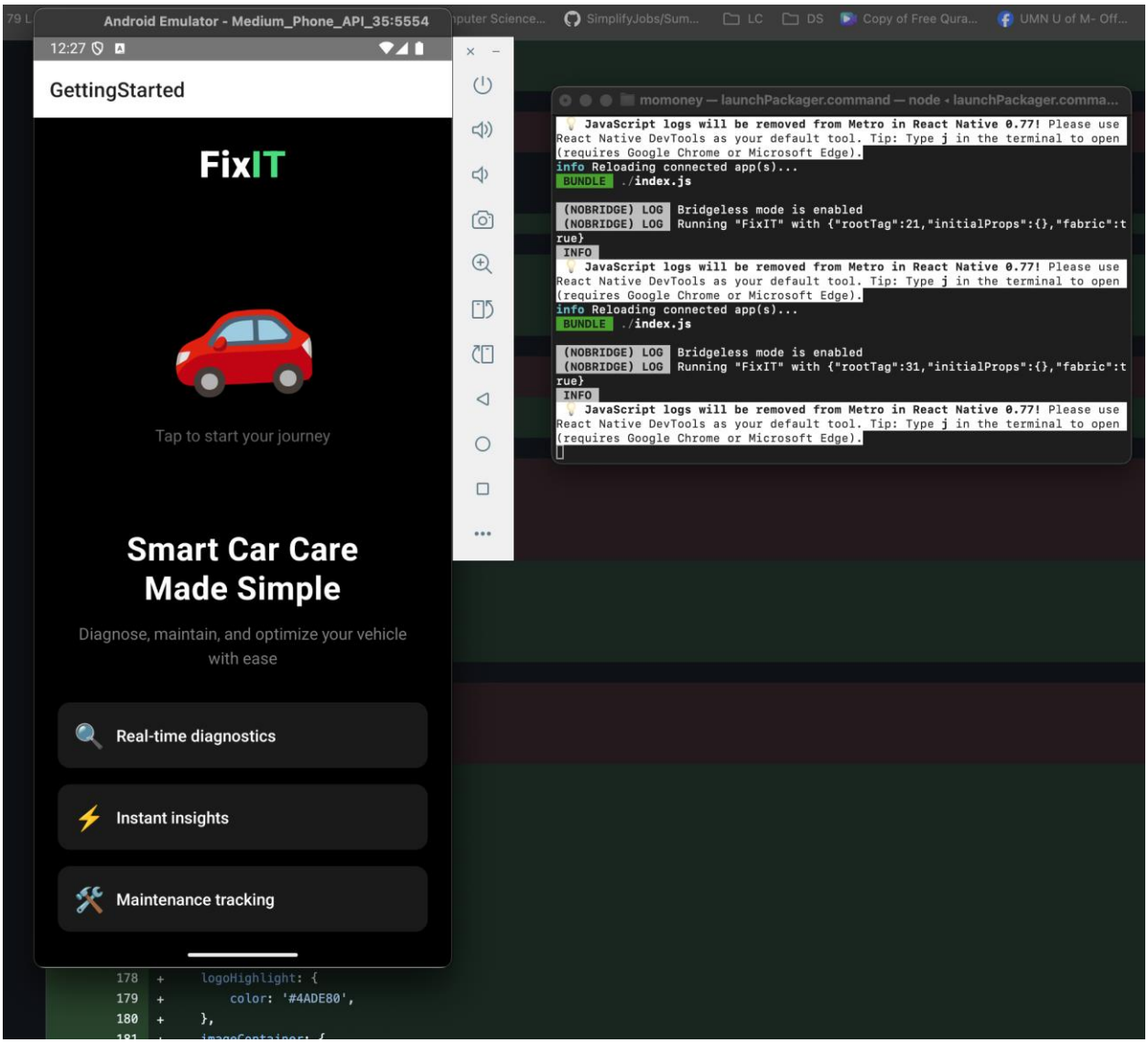
- Designed UI for having users input their car info





Mohamed Elaagip

- Set up the repo on my new laptop
- Completely reworked color scheme
- Completely reworked UI for login and home page to be more interactive and gamified
- Added new screens to the app


Android Emulator - Medium_Phone_API_35:5554
12:27
GettingStarted
FixIT
Tap to start your journey
Smart Car Care Made Simple
Diagnose, maintain, and optimize your vehicle with ease
Real-time diagnostics
Instant insights
Maintenance tracking
momoney — launchPackager.command — node ◂ launchPackager.comma...
JavaScript logs will be removed from Metro in React Native 0.77! Please use React Native DevTools as your default tool. Tip: Type j in the terminal to open (requires Google Chrome or Microsoft Edge).
info Reloading connected app(s)...
BUNDLE ./index.js
(NOBRIDGE) LOG Bridgeless mode is enabled
(NOBRIDGE) LOG Running "FixIT" with {"rootTag":21,"initialProps":{},"fabric":true}
INFO
JavaScript logs will be removed from Metro in React Native 0.77! Please use React Native DevTools as your default tool. Tip: Type j in the terminal to open (requires Google Chrome or Microsoft Edge).
info Reloading connected app(s)...
BUNDLE ./index.js
(NOBRIDGE) LOG Bridgeless mode is enabled
(NOBRIDGE) LOG Running "FixIT" with {"rootTag":31,"initialProps":{},"fabric":true}
INFO
JavaScript logs will be removed from Metro in React Native 0.77! Please use React Native DevTools as your default tool. Tip: Type j in the terminal to open (requires Google Chrome or Microsoft Edge).
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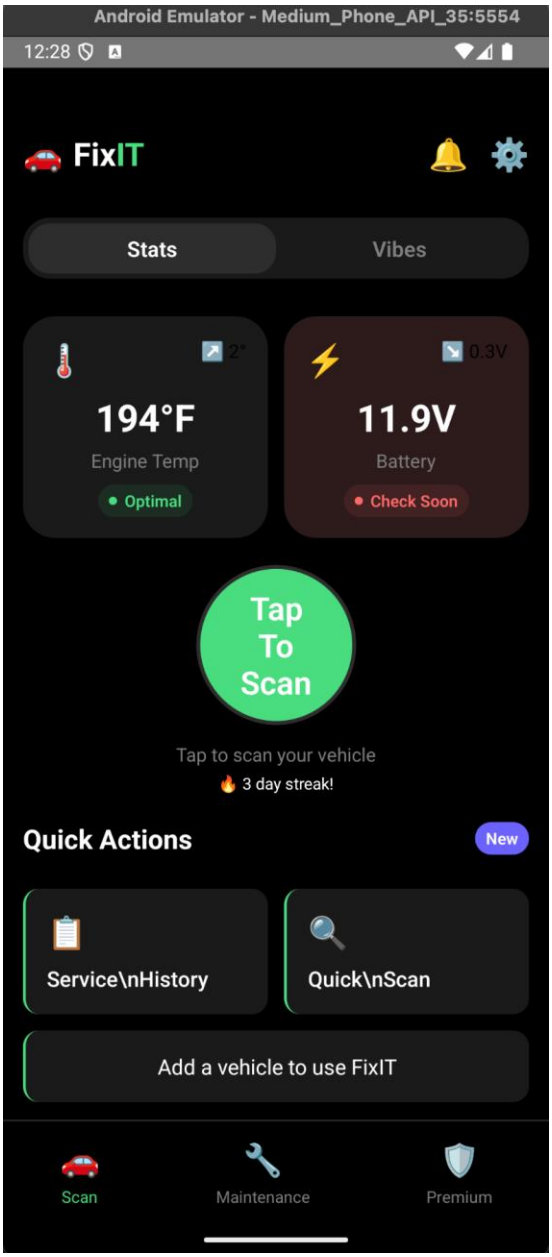


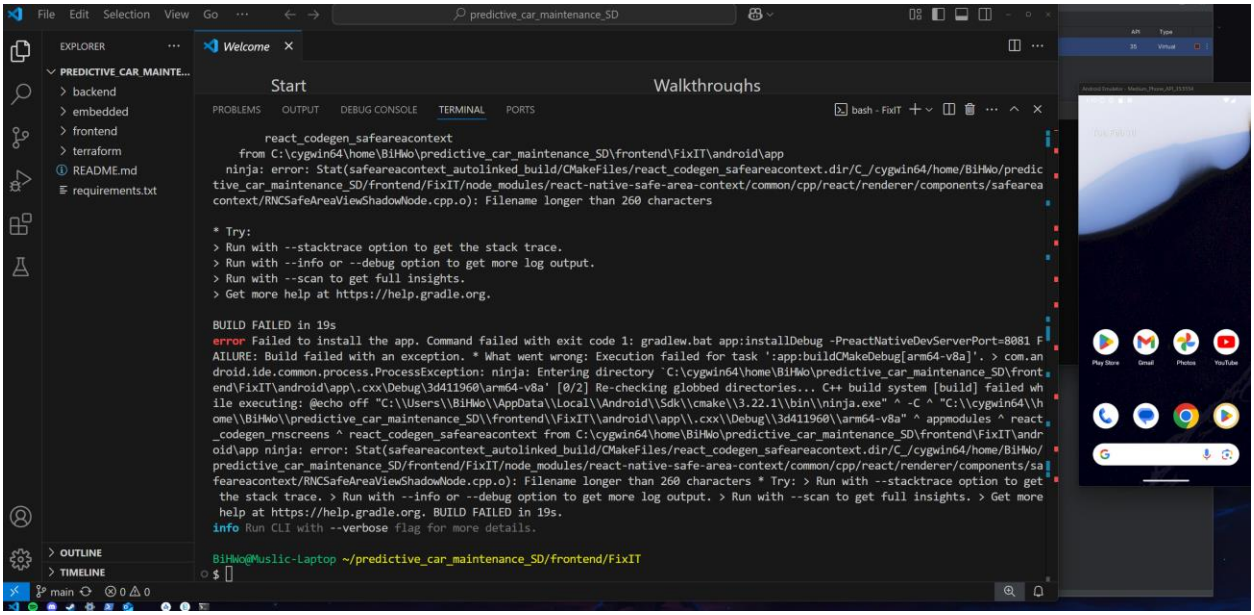
William Griner

- **Worked on adding more backend functionality**
- **Worked on database code**

Pending issues

- Can't seem to bypass 256-character file path limit for Windows even if proper Windows settings are adjusted

- Ubuntu Android studio cannot detect physical Android device plugged in, hindering testing of HW capabilities such as Bluetooth



- **Individual contributions**

NAME	**Individual Contributions** *(Quick list of contributions. This should be short.)*	**Hours this week**	**HOURS cumulative**
Benjamin Muslic	• Environment setup • Hardware acquiring for the team • Ubuntu	8	72
Jonathan Duron	• Designed input UI • Helped team setup react native enviroment	5	73
Mohamed Elaagip	• Completely reworked UI and theme • Redesigned color scheme • Added animations	8	72
William Griner		5	65

Plans for the upcoming week

Benjamin Muslic

- Figure out why Ubuntu is not picking up physical device

- Make tweaks to embedded code
- Possibly research into minimizing HW complexity such as battery powering ESP32 or 3d printing an enclosing

Mohamed Elaagip:

- **Continue working on new UI screens**
- **Continue improving user interactions**

Jonathan Duron

- Develop new input UI for our demo user
- Attempt to connect and store info to database

William Griner

- **Continue working on backend**
- **Continue working on database**