



Car Diagnostic

By: Josh, Justin, Alex, Mike, Lily



Project Description (Alex)

- Our project is an iOS app that aims to make diagnosing car problems easier. It utilizes the users sense of sight, sound, touch and smell to detect the root cause of the problem. Then once the app thinks it has found the root cause it directs the user to a page with potential issues, steps to fix the problem and an average cost for repair. This app will ultimately help users save time and money. And take the die out of diagnosis.



Project Schedule (Justin)

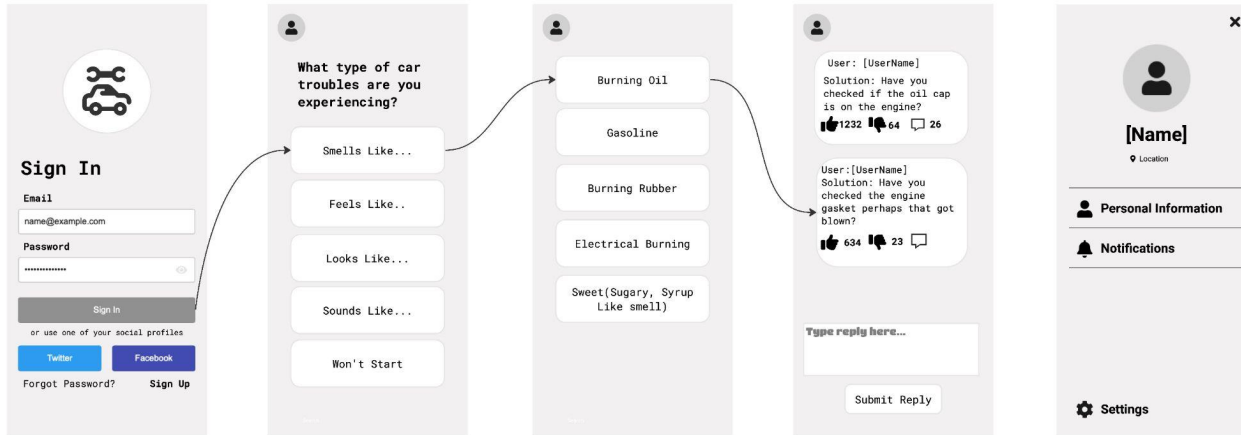
We for the most part hit our project goals.

The gantt chart was useful for laying stuff out but did not end up using all that much.

- We had to change some functional and nonfunctional requirements around, such as taking out adding an user as a mechanic for example.
- Weekly meetings to talk/discuss what we were focusing on.
- We ended up developing the project in 4 phases:
 1. Login screen
 2. After login screen
 3. Car trouble diagnosis part
 4. Comment system

State of the Project During Midterm (Mike)

- Up until the midterm, we mainly just had:
 - A working login screen
 - Took in an Username and Password input and saved it as an account
 - A visual aid/diagram of how we want our app to look like and behave





State of the Project After the Midterm (Josh)

Since the midterm, our progress has been focused on the addition of features into the Car Diagnosis app.

What we have added:

- To be short, everything besides the login screen :)
- After the login screen, the user can select an option based on “smell, sight, feel, sounds and doesn’t start”.
- After selection one of those options, they get multiple answers on what could be wrong, a recommendation on how to fix it, and the average price for that repair.
- Integrated comment system, allows for live user commenting. Added that into each solutions page.
- Settings page that allows users to do dark mode/light mode, log out, and a terms and conditions page.



Demo & Potential App Release (Lily)

Steps if we wished to take Car Diagnostic to market:

- Create an IOS distribution provisioning profile and distribution certificate
- Create an App Store Connect record for app
- Archive and upload app through Xcode
- Configure app metadata and further details in App Store Connect Record
- Submit app for review

**Could also use App Store Connect and TestFlight for app beta testing