EE/CprE/SE 492 WEEKLY REPORT sddec20-20

Oct. 23rd - Nov. 9th

Group number: 20

Project title: A Parking Sharing System

Client &/ Advisor: Ahmed Kamal

Team Members/Role:

Jeremy Galang (Project Manager)

Ethan McGill (Webmaster/Backend Manager)

Gabrielle Johnston (Meeting Scribe)

Jorden Lee (Test Manager)

Lorenzo Zenitsky (Meeting Facilitator/Frontend Lead)

Jason Neville (Communications)

- **Weekly Summary**
    - Continued working on polishing up pages we've previously worked on, such as My Vehicles, Wallet, profile, etc.
    - Created a page that allowed users to post a listing, displays the address, time available, etc.
    - Integrated Stripe APIs into the backend and updated the database routes accordingly.
    - Began looking into the search functionality, so we can update the mapview based on a query.
    - Logout button was added to the sidebar along with a few changes regarding Async storage.
- **Pending Issues**
    - We still need to merge all of our branches and ensure that the functionalities still work. Merge conflicts arose as each of us pushed onto the master branch. Our current branch has a mix of outdated code/missing functionalities, so we need to focus on that.
    - Still need to polish some of the pages, and clean up any formatting/bugs found in the code.

- **Individual Contributions**

NAME	Individual Contributions (Quick List of contributions. This should be short.)	Hours this week	Hours cumulative
Jeremy	Worked with Ethan to create a page that allows users to post a listing. Was able to figure out a few styling issues that persisted in a few pages regarding scrolling and views. Worked on getting a listings page that fetches all the listings from the database. Was able to format each listing with an address, number of available spots, and a start + end time for each listing. Was able to get help from Ethan + Jorden regarding CSS and grabbing listings from the database.	12	92
Lorenzo	Worked with Ethan and Jason to integrate Stripe's API into the backend by transferring various calls from the frontend that were causing errors at runtime and then altered the frontend to call the new Stripe endpoints. Also, working on integrating various other branches into mine, such as the AsyncStorage branch. Worked on finishing up the My Vehicles page and am currently working on polishing up the My Wallet page as well even though it's mostly complete.	11	86
Jason	Worked with Ethan and Lorenzo to integrate stripe api routes into the backend. Worked on managing customers and card information and storing in Stripe database. Also created some Jest tests to test database class for listings. Added updateUser route and functionality in backend as well.	6.5	71.5

Ethan	Fixed the bug with the local storage on the frontend. Worked with Jeremy to implement adding new listings to the application. Met with Jason and Lorenzo to discuss and implement the stripe API in the backend. Worked with Jeremy to fix errors in the frontend while calling the api. Assisted him in populating the all listings page with listings from the database. Worked with Jorden to continue working on the persistent login working. Got close, but there seems to be an issue somewhere else in the code.	9	75.0
Gabrielle	Worked on researching how to add search functionality. Worked on creating an edit profile page so users can change their first name, last name, email, and phone number. Talked to Jason about getting an API route for that information, and it is now pushed to master.	7	77
Jorden	Worked on the poster a bit. Researched a search function to use. Worked on implementing the search bar for the map functionality. Worked on CSS stylizing with Jeremy and worked on getting async storage to work. Got a logout working.	8	71

- **Plans for the upcoming week**
    - Potentially figure out other pages and requirements that are needed. May look into updating map views if we have time.
    - Fix the merge conflicts that arose when trying to merge everyone's branches.
    - Wrap up development and make sure we have a working demo available for presenting.
    - Begin preparing for IRP presentation.