
EE/CprE/SE 492 BIWEEKLY REPORT sdddec20-20

Sept 14th - Sept 28th

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**

- Frontend login page was revamped with a new, cleaner UI.
 - Login officially works with the provided VM from ETG and can store/get user information. This was done on the frontend using Axios and currently uses backend endpoints.
- Began looking into figuring out how finding a specific location on a map works, decided that we will need to find a user's location first prior to finding a location where they wish to go.
- Backend
 - Added a new database schema for parking spot listings.
 - Created new routes and logic to create, search, and update listings.
 - Transitioned backend testing to Jest.
 - Found how to test the backend controllers and database

- **Pending Issues**

- Backend needs to look into an API or library to convert addresses to longitude and latitude values
- Backend needs to expand testing past controllers and the database

- Design-based issues on frontend regarding association of vehicles with users, we will handle the issue by discussing it at our next meeting.

- **Individual Contributions**

<u>NAME</u>	<u>Individual Contributions</u> <i>(Quick List of contributions. This should be short.)</i>	<u>Hours this week</u>	<u>Hours cumulative</u>
Jeremy	Fixed issues with iOS compatibility, packages were not installing properly when running the emulator. Was able to import updated frontend to iOS. Found a few issues with the newly updated frontend UI. Was originally tasked with implementing Axios to the new sign in, but discovered a few bugs. Spoke with Ethan + Jason about it. Began working on the vehicle page, but may need to rethink design decisions around it.	9.5	69
Lorenzo	Researched the Stripe API and how to get it integrated into our application to give our users a secure way to pay and receive money through our app. Also spent time looking into a text input bug for iOS that Jeremy found. Made an account with Stripe, activated the account to use their API keys for both test and production even though we will probably only use the test keys.	4	51
Jason	Met with Ethan to create a new database schema for listings, added routes to create, search, and update listings. Added ability to add users to listings and decrement available spots accordingly. Looked into team issues with accessing postman api documentation. People weren't able to see the endpoints. Also looked into Jest for testing backend functionality	7.5	44.5

Ethan	Met with Jason to create a new database schema for listings, added routes to create, search, and update listings. Transitioned backend testing to Jest. Figured out how to test the database with Jest and mongoose. Helped Jeremy by fixing an unknown bug with the login controller. Created individual tests for each of the methods in the userDAL file to test the connection to the database.	7	50
Gabrielle	Started out with some issues getting the application to run. I ended up needing to install a couple new tools that we've added in the past week. Now, I am currently working on a setting page so the user can see and edit their profile.	7.5	51
Jorden	Researched jest and worked on some tutorials. Worked on using the new testing software integrated earlier. Testing will work when we need it for our application. Began looking into creating test cases that are more applicable to the project	5	48.5

- **Plans for the upcoming week**

- Backend will continue its testing with Jest, implement any new databases or frontend requirements.
- Frontend will hopefully continue looking into Stripe API, and continue working on various components that were assigned.
- Continue researching how navigation will work among users within our application. Decide how data for navigation will be stored.
- Hopefully implement navigation and searching for specific locations on the frontend portion.