
EE/CprE/SE 492 BIWEEKLY REPORT sdddec20-20

Sept 30th - Oct. 11th

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**

- Added endpoints for adding and associating vehicles with a specific individual. Vehicles are stored in the database, frontend will need to add a view that displays all the users current vehicles.
- We looked into Stripe API, which processes how payments will work within our app between users. Looked over documentation and dependencies that stripe will need.
- Continued working with Jest and doing more backend testing.
- The backend started to refactor the large userController and userRoutes class, breaking it into:
 - authController/authRoutes to handle user authentication
 - stripeController/stripeRoutes to handle getting and modifying a user's stripeld
 - vehicleController/vehicleRoutes to handle getting, and modifying users vehicles
- Backend updated the API documentation to reflect the above changes to routes and return values
- Frontend began experimenting with Google Places API, began getting Stripe

payment API to work with backend server.

- Frontend continued expanding upon our assigned pages

- **Pending Issues**

- Getting the Google API to work for finding locations. However we feel that we can overcome this by putting a bit more time into research and doing more experiments with it.
- SessionIDs aren't being saved properly on the frontend, which we plan on working on during the upcoming week. We had issues with communicating with the backend when adding a vehicle.

- **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	Spent time creating a page where users can add their vehicle + information to the database, found a few bugs with backend routes. Helped backend team debug session ID routes. Spent time doing research on Google Places API, which will help us find certain places to navigate to.	9.5	78.5
Lorenzo	I looked more into Stripe's API and React components it provides only to learn that they can't be used in a React Native project. However, their API still can, so I spent a day building out the user's wallet page where they can update, delete, and add new cards to their wallet.	12	65
Jason	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. Met with Ethan to discuss the implementation of adding vehicles to the user model. Updated user schema to add vehicles array and added route and controller function for registering a vehicle for a specified user.	6	46.5

Ethan	<p>Met with Jason to discuss the implementation of adding vehicles to the user model. I also added tests to test new database functions that were added, and started developing tests for the user controller.</p> <p>Investigated the issues we were having with testing the controllers in the backend. Started to refactor backend code to separate functionality that got lumped into the user routes. Changed the routes addresses to be more consistent with one another. Added a new function to get the stripeid of another user.</p>	10.5	60.5
Gabrielle	<p>I ran into a few network errors when trying to log into the app. Lorenzo was able to help a little at our weekly meeting, but I was able to get it resolved. I spent time working on the profile page for our application.</p>	11	62
Jorden	<p>Configured jest to work with our application (I am still having some bugs with it working properly). Created some render tests (don't work yet) and continued to learn how to test in jest. Spent time with Jeremy learning about how frontend works with in depth. Started working on getting vehicles tied to the user to display and be able to delete vehicles from account.</p>	9	57

- **Plans for the upcoming week**

- Add sessionid properties for frontend, which essentially helps for testing and validating that information gets stored in the database.
- Backend plans to go through the unchanged API controllers and update the return objects to only contain the information needed
- Frontend will continue researching Google Places API and hopefully shift focus towards navigation and anything dealing with user locations.
- Continue working on Stripe API implementation if necessary.