EE/CprE/SE 492 WEEKLY REPORT sddec20-20

Sept 1st - Sept 14th

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.
  - Postman API was created for server endpoints, backend code was updated and built on to provide user login.
  - Installed backend testing framework, and setup a few basic tests along with a testing database.
  - Started to integrate frontend testing framework (jest)
- **Pending Issues**
  - Compatibility issues between iOS and Android may cause a few issues.
- **Individual Contributions**

NAME	Individual Contributions *(Quick List of contributions. This should be short.)*	Hours this week	Hours cumulative
Jeremy	Added official user creation/verification to the database using Axios on frontend.	6	61.5

	Collaborated with Ethan and Jason to understand database endpoints for making server requests. Fixed Google Maps API compatibility issues and imported new frontend features from Lorenzo's work to be fully compatible with iOS.		
Lorenzo	Integrated React Navigation into Parkour which assists with in-app routing, reorganized the structure of the app, worked on getting the login page functional, tweaked existing UI components to be more up-to-date and aligned with our project goals.	6	47
Jason	Created postman api collection for team to look at different endpoints and usages in one place. Also extended login/logout functionality to query by session id and add in at login and remove at logout. Updated user model to handle more user information (first name, last name, phone #, ect). Added new route and service for updating non-required user information for fields that are not required at registration. Changed session ids to be sent in the request header instead of request body. Updated user model and registration endpoint to take in more information and got rid of username as a stored value. Refactored code to get rid of service class and add more logic into controller. Create a database access layer class for storing methods that interact with database.	8	37
Ethan	Researched backend testing frameworks for the project. Decided on Mocha, and Chai for unit testing. Setup a basic test for the utility scripts. Researched how to integrate a separate database for testing, and implemented it. Added a way for the backend to know which database to be using. Met with Jason to decide	8	43

	specifications on the new backend API routes, and helped Jeremy connect the backend server to the frontend application.		
Gabrielle	Worked on PIRM presentation to present slide on _____. Had a meeting a help with other slides as well. Gave the presentation during class time. Next, I worked on research on CI/CD. Developed a document of the notes that I found. Discussed during client meeting that we will implement the pipeline later on in the project. Right now we don't have testing up and running and the backend is locally deployed.	8	43.5
Jorden	Week of 8/31 Worked on the peer review presentation. Talked to our team in a meeting to get what we needed in the presentation squared away. Got my presentation ready and rehearsed it. Presented on Thursday. I also started looking at the application trying to understand the work that was done this summer. Week of 9/7 Worked on fixing my environment...again. Had to migrate from java 14 to java 11 because of a different class. Looked at some testing frameworks and started to try to integrate it into our system. Did research and made arguments. Integrated the test environment the second week and started to learn how to use jest for testing	9	43.5

- **Plans for the upcoming week**
    - ○ Frontend will hopefully begin creating and expanding upon the existing UI. Hopefully will look into google navigation APIs to implement finding nearby hosts and guests.

- Backend will create and expand upon API documentation for the frontend team, fix endpoints, and create a separate database for testing.
- Frontend will start integrating a testing environment or some sort of way to test work done.
- Backend will try to finish up creating unit tests for the already existing endpoints and utility methods.