sddec20-20: A Parking Sharing System
Week 2 Report
February 3 - February 16

Team Members
Jeremy — *Project Manager*
Lorenzo — *N/A*
Jason — *Communications*
Ethan — *Webmaster*
Gabrielle — *N/A*
Jorden — *N/A*

Summary of Progress this Report
* We found a very similar application called "Prked" https://apps.apple.com/us/app/prked/id1483160216 and it has most of the features that we planned on creating.
* We discovered that it costs an annual fee of $299 for a team of developers to publish an app to Apple's App Store and a one-time payment of $25 to publish an app to Google's Play Store.
* We all took the time to install and interact with parking apps on our respective app stores (Google Play and App store).
* Some of the apps we looked at include:

SpotAngels - crowdsourced app that helps people find free parking or avoid getting parking tickets based on city parking rules (such as street cleaning, hours of free parking, etc).

Parkwhiz Attendant - allows a user to look up and manage parking reservations people made.

Rover - allows users to invite their friends to use the app or host their parking lots via notifications.

Drivewayz - has a financial incentive for sharing with friends, Modern UI
ParkMobile - uses location services to know your location, but also has a search feature. Vehicle registration, multiple payment options, and a "premium" membership with benefits

* From looking at these apps, we were able to generate a few ideas.

Pending Issues
No pending issues at the moment.

Plans for Upcoming Reporting Period
* Continue doing research on more apps and coming up with more ideas.
* Jorden may begin contacting ETG or researching how much a server would cost us and seeing the available options.
* Work on the design document, narrowing down our specifications that are required.
* Since the Prked app recently pushed out an update (on 2/5), it would not hurt to check back once in a while and see if the developers are really willing to polish the app. We could see how their app grows, and make our idea better.

* We will look more into publishing on the App Store or Google Play store.
Continue doing research for each of our specified topics.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Jeremy	Looked at Android applications that are similar or related to parking. Downloaded the apps and took some notes based on what was available. Found a similar parking application that is very close to what we're currently doing. Continued doing research for other potential markets/factors that could play a role. Having parking spaces linked with potential mass transportation could be helpful.	2	
Lorenzo	Downloaded a number of iOS apps related to parking that have been updated within the last few months and took notes on all of their various pros and cons. Also, from looking at these apps, I made a shortlist of ideas for our app to stand out from the rest. Researched the various steps needed and costs of app publishing on both the Google Play Store and Apple's App Store	2	
Jason	Downloaded and used a variety of different apps on iOS. Noted features that were/weren't available in those apps. Researched about Google Maps and Apple Maps APIs for inclusion in our Android and iOS apps.	2	
Ethan	Downloaded the parking app called ParkMobile. Noted its pros and cons. Contributed ideas to distinguish our application from others on the market. Uploaded last week's report to the website, continued to research backend technologies.	2	
Gabrielle	Continued to research payment options. Created the outline for the design document v1. Looked into payment systems that could be integrated. Amazon and PayPal could both be used in iOS&Android, but Google Pay and Apple pay could be easier. All have costs involved.		

Jorden	Worked on finding apps on the Google play store. I haven't found any apps that use people's personal space. Most of these apps use lots, public garages, etc. Further research into servers to use. Tried to see how it was generally priced. Came up with some options.	1.5	

Gitlab Activity Summary

Nothing to report.