10/25/16
Weekly Report
HandOff Team

This next week we plan on allotting different parts of the software design specification. Kennan and Sam will be responsible for working on and finishing the process portion of the SDS, while Seth, Brendan, Ian, and Erin will be responsible for finishing the system architecture portion. We plan on having Erin, Ian, and Peter in charge of compiling a presentation and presenting to the class next week. In addition to finishing the SDS, we will be responsible for setting up AWS and building our database schema. We will also have a GitHub set up by next week. We aren't requiring ourselves to have any code written by next Tuesday, but we've all agreed that if we can make the time and finish everything else early enough, we will begin some of the most general coding for our project. We don't want to code too much yet because we are still deciding on the particular organization of everything, but general very low level stuff will be ok.

In the past week we finished our Software Design Specification. This included nailing down the class structure of our system and how classes going to interact with one another and our database. Sam and Kennan developed a more detailed schedule for our project, laying out specific milestones we wish to reach in order to be ready for the app's official release. Brendan set up the AWS administrator accounts, and all team members now have access to them. We've also set up API gateway and tested using it to access dummy data in our AWS database, which was successful. Kennan has set up a GitHub repo for the front end. Erin, Ian, and Peter prepared for and gave the in-class presentation, which seemed to go well. We've decided to use Facebook for our login system, which will simplify and streamline the login process. Our splitting up of the workload went more smoothly this week, as every team member took personal responsibility for their own work. Our communication has improved through the use of Slack. One thing we could have done differently is using a UML program to create our UML sequence diagrams. The hand written ones are alright, but a program would have allowed them to look a bit more professional. We also forgot to touch on our use of the AWS lambda serverless-architecture during our presentation. In the future we should be sure to explain what technology we're using in case people are unfamiliar with it.

This week Erin is going to work on the front end, making sure that our app is installable and runnable on an android device, as well as creating class stubs for the other front end classes. Seth is working on creating a GitHub repo for the backend as well as an aggregate repository which will contain the front end and back end repositories as submodules, to make checking out the code easier. We're also going to establish a bug tracker using GitHub and populate it with at least one bug report as a proof of concept. Peter is going to work on the README for our aggregate repository, detailing how to use our code. Kennan is going to update our website with the documents we've made in the past few weeks and look into using Jest for continuous integration. Sam and Ian are going to be brushing up on their Python and JavaScript so that they'll be able to aid with development when we get to the main stage of implementation in the coming weeks.