

Group Project Writeup
cs1699 – Intro to Android Dev
Joshua Rodstein
4021607

I am very pleased with the level communication amongst my team, as well as their willingness to buy into a shared development process and practice. Our main mode of communication was Slack. Team members stepped up to help with tasks when needed, and communicated when they needed assistance on a their particular task. I am very happy with the team assignment.

I set up Github and implemented a local dev process for all team members to ensure no merge conflicts or regressions. I was also the main point of contact for the team before us in the chain (team 10) and the team after us in the chain (team 2). I also assisted in scheduling and itemizing of meetings and discussed topics. Alex Howard stepped up to assist with the team to team development process.

Alex and I worked together on implementing a building trigger, with Alex taking the programming lead. Josh Gelenberg, Alex Howard, and I wrote and flushed out our API documentation for the whole of the project. I created protocol for the formatting of passed data within bundles to ensure that we were receiving strings properly. I was out of town from the 12th – the 15th and Alex handled team com and coordination during that time.

I was responsible for implementing the remote backend for our app with Firebase. I implemented anonymous authentication of users for ease of reading from the database without needing logins. I set up out Firebase to store opponent team logos in Storage, and created nodes in the Firebase DB to store the download URL's for those images. I then implemented downloading of those images via AsyncTask upon initial authentication, and upon detecting any change to those remote logos.

I assisted with the remote storing of a history of retrieved game scores, as well as the storing of building hours for particular buildings on campus.