

Group number: Dec1701

Project title: Catchers Pop Time System

Client &/Advisor: AccuPop / Prof. Kamal

Team Members/Role: Team Lead - Andrew Zellar, Communications - Jordan Young, Webmaster - Stefan Kraus, Key Idea Holder - Josh Wassenaar

o Weekly Summary

We worked on and completed the design document and submitted to blackboard as well as our advisor for feedback. We put in some work on the team website. We also continued miscellaneous work on our various parts of the project.

o Past week accomplishments

- Jordan Young: Helped to complete the design document. I also got the website up and filled with most of what was required by the template (links to documentation, project description, and team information). Besides that, I focused on bluetooth integration and possible solutions to improve performance.
- Andrew Zellar: Worked on helping to complete the design document. Looked into the latency issue we will have to deal with but didn't find great info. Was unable to get parts so I started looking into best ways to program the arduino in terms of interfacing with the sensors and bluetooth.
- Stefan Kraus: Started a Google Appengine project for the webapp so we have a deployment platform and a limited free database for testing. I also started work on documentation and scripts to aid in development, though these are proving to be challenging on Windows.
- Josh Wassenaar: Helped complete the design document. Teaching myself a little bit of how the React environment works again (preparation for application development).

o Pending issues

o Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Andrew Zellar	Meetings with adviser & researched and found code examples for sensors	7	38
Jordan Young	Bluetooth integration & website development	10	40
Stefan Kraus	Completed the initialization of the Google AppEngine website, continued building a component base for use with the website	7	41
Josh Wassenaar	Design document, meeting with adviser	7	39

o Comments and extended discussion

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o Plan for coming week

- Andrew Zellar: Start working with the hardware and test out ideas we have had up to this point.
- Jordan Young: Test out some ideas and scenarios with the parts that we have. The goal is to have some form of code for the hardware for our project by next week.
- Stefan Kraus: Complete the startup script for Google App Engine and verify that other members of the group can deploy to the appspot.
- Josh Wassenaar: Begin testing with the parts. Begin working on developing applications for both Android and iOS.

o Summary of weekly advisor meeting

This week we had a short meeting where we went over what was completed and what we were planning to do next week. We discussed our plans to finish the design document, the parts that we ordered, and getting the team website setup.