

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 started on the design document. We are analyzing previous teams code in preparation for testing with the parts that we ordered last week. Determined what portions of the code each team member will focus on (see details for this in the 'Weekly Meeting with Advisor' section).

o Past week accomplishments

- Jordan Young: Looked through the previous team's code more focused on the Arduino interface and worked with Lee Harker on an issue with one of the items we ordered, it turns out that it was out of stock. Also took minutes at meetings.
- Andrew Zellar: Worked on the design document, continued looking over other groups Arduino code as well looking at example code online for ideas to improve the hardware coding, Looked at the other groups Android app.
- 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: Parts did not come in thus no work or experiments done with the hardware. Messed around with the android side of the app and saw where it is working, where it is failing, and what we can do to make it better/design differently from the start. I would recommend building a new app from scratch.

o Pending issues

- License renewal and the frequency that it needs to be renewed
- Ordering a different microphone

o Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this</u>	<u>HOURS cumulative</u>
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		<u>week</u>	
Andrew Zellar	Meetings with adviser and client & research on sensors and bluetooth 5	6	25
Jordan Young	Research & Meeting Notes & Part orders	6	24
Stefan Kraus	Documentation of Alternate solutions	7	27
Josh Wassenaar	Met with adviser & research	7	25

o Comments and extended discussion

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o Plan for coming week

- Andrew Zellar: Begin working with and testing new ideas on the hardware, I also plan on getting the hardware setup so it can be used for testing.
- Jordan Young: I plan to get our content up for our senior design website as well as test with parts that I have and parts that were ordered.
- 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 that come. Begin working on developing applications for both Android and iOS.
- All: Work on the design document which is due this coming Friday.

o Summary of weekly advisor meeting

Summarized the meeting that we had with the client. We discussed minimum viable product and the MacBook purchase. Discussed how the client requires password protection for everything thing that we're working on, especially with publication of our progress. Determined that Andrew and Jordan with focus on hardware and Josh and Stefan will focus on software.