

**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**

This week our group continued on hardware testing to decide which implementation will be the most accurate and convenient. While testing will need to be continued on a more realistic scale, the options that we originally presented are dwindling down. Meanwhile, the app side of our project is well under way and will be able to test with the next week or two.

**o Past week accomplishments**

- Jordan Young: More testing was done with parts that we ordered as well as UART protocol research for bluetooth communication between devices.
- Andrew Zellar: Completed experiments working with Jordan and Josh. Did some research in bluetooth from the redbear device.
- Stefan Kraus: Started work on the React Native portion of the application for Android.
- Josh Wassenaar: Tested the hardware for the pressure sensor. Looked into bluetooth code provided by our hardware provider.

**o Pending issues**

**o Individual contributions**

<b><u>NAME</u></b>	<b><u>Individual Contributions</u></b>	<b><u>Hours this week</u></b>	<b><u>HOURS cumulative</u></b>
Andrew Zellar	Meetings with adviser & researched and found code examples for sensors	5	70
Jordan Young	Hardware testing & uart research	6	67
Stefan Kraus	Started work on the React Native	7	65

	portion of the application		
Josh Wassenaar	Worked on hardware testing for the pressure sensor.	8	66

**o Comments and extended discussion**

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**o Plan for coming week**

- Andrew Zellar: Work on documentation and hardware experiments
- Jordan Young: Do some tests with my Android device and redbear
- Stefan Kraus: Deploy the Android UI portion of the app and get a working beta on the personal devices of the other group members.
- Josh Wassenaar: Do some hardware tests with actual baseballs and gloves. Work on mobile app/web app - specifically the bluetooth side of things.

**o Summary of weekly advisor meeting**

We discussed having Professor Kamal help us as we get closer to the final presentation of our implementation this semester. He has encouraged us to keep working on the project and to stay on top of the assignments that are due.