

sddec18-15: Portable DAQ for dogs

Week 3 Report

February 12 - February 16

Advisors

Simon Laflamme

Austin Downee

Client

Simon Laflamme

Team MembersMatt Faronbi — *Communications Lead*Daeyoo Kim — *Hardware lead*Rohan Yadlapati — *Co-Team Lead*Rishab Kinnerkar — *Web developer*Yan Jie Hui — *Co-Team Lead***Summary of Progress this Report**

Prepared with issues to speak about with the advisor. Met the advisor and got an understanding of how to collect data from the sensor in a feasible manner. However, it was in a lab environment and our data collection needs to be done on a system which would involve a lot of movement. In addition, we ran and tested Arduino programs and familiarized with Arduino hardware pertaining to our project. Initiated database related work for the application.

Pending Issues

Need to test sensors' collecting ability when the system is shaking or has a lot of movement.

Plans for Upcoming Reporting Period

Would setup a system which would test sensor data collection when the system is shaky. Running basic programs on our complete device.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Matt Faronbi	Arduino work code testing and sensor research for advisor meeting.	5	13
Daeyoo Kim	Arduino work code testing and sensor research for advisor meeting.	5	13
Rohan Yadlapati	Arduino work code testing and sensor research for advisor meeting. Electric circuit	5	15

