### sddec18-15: Portable DAQ for dogs

Week Report 7 March 26 – April 2

#### **Advisors**

Simon Laflamme Austin Downee

### Client

Simon Laflamme

### **Team Members**

Matt 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**

Worked on the application for our project, design for the board, batteries and different components.

# **Pending Issues**

Need to finish application and connect it with our DAQ system. Need to finalize design.

# **Plans for Upcoming Reporting Period**

Meet with our advisor and discuss our technical progress. Demonstrate application to client.

### **Individual Contributions**

Team Member	Contribution	Weekly Hours	Total Hours
Matt Faronbi		0	25

Dagues Kim	I researched which external battery is used for our battery. We got two choices which are Alkaline battery, and Lithium Battery. I tried to find out which one is appropriate for our microcontroller. Finally, lithium battery will be used because of the better performance and value for the price.	3	28
Daeyoo Kim		3	20
Rohan Yadlapati	Made CAD design for our board.	2	27
Rishab Kinnerkar	Learnt how to build a basic wordpress website. Setup database and connections. Installed plugins and tested website.	6	33
	Started looking into which components are needed and started building the smaller version of the prototype.		
Yan Jie Hui		2	29