

sddec18-15: Portable DAQ for dogs

Week 1 Report

January 22 - January 26

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

We met with our client and got an understanding of our project. We did online research on the different devices and sensors which could be used in our project. We got an understanding of how different microcontrollers and sensors would work out with respect to our project. We had researched this before meeting with the client and in our meeting we brought up concerns. Client shared with us specific technical details we would need to implement in our project.

Pending Issues

The following were the pending issues we had at the end of the first week -:

- 1) Find the appropriate sensors we would be needing for this project.
- 2) Find the proper microcontroller we would require for this project.
- 3) Figuring out how we could implement the specific technical details the client shared with us into our project.

Plans for Upcoming Reporting Period

Meet with client to have doubts clarified. We would have come up with a proposal on how to go about doing our project and will give the overview of it to our client. If the client has any concerns we will try to re-address the issue.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Matt Faronbi	In charge of making sure the client/advisor is informed in the progress of our project and setting up meeting times	4	4

Daeyoo Kim	Researching devices what we are going to use	4	4
Rohan Yadlapati	Researched data acquisition.	5	5
Rishab Kinnerkar	Microcontroller research	5	5
Yan Jie Hui	Data Acquisition research	5	5