

## Minutes (Remote)

Location: Messenger - remote meeting

Date: Thursday 23rd December

Not In Attendance: Dan Knox

Attendance: Dharius Robinson, Daniel Carl Beauchamp, Natalie McLaren

### What's Been Done since the Previous Meeting:

- Separation of source code into different classes.
- Working out signal connections around Canterbury (between Dan and Daniel).

### Topics discussed:

- **Source code:**
  - Natalie tells group members that a refactored version of the code can be found on the 'refactor' repository branch.
  - She asks for opinions on how to abstract it further. We agree on turning the 'Processor.cpp' class into the class that makes use of the other classes, passing references to their objects into its constructor via the sketch file.
- **Corpus:**
  - We speak about what we are going to add:
    - Our minutes
    - Reasoning behind our designs, each engineering menu feature, our use of the adalogger, our use of Influx.
- **Battery:**
  - We discover that AA batteries only give out 1.5 volts. However we can use 4 batteries arranged in a series to produce 6v - so we speak of using 3 to produce 4.5v - this will mean less of a chance of killing anything.
    - The adalogger needs 3v so 4.5v is perfect to ensure it has enough even when the batteries decrease over time.
  - Dharius agrees to buy some connectors to test using the adalogger with batteries via its 'Vin' pin, where we can wire up batteries.

### Further Discussion: