

Minutes

Location: Shed

Date: Tuesday 13th February

Not In Attendance: N/A

Attendance: Dharius Robinson, Daniel Knox, Daniel Carl Beauchamp, Natalie McLaren

What's Been Done since the Previous Meeting:

<Natalie M>:

- Re-modelling of case with exact PCB dimensions
- Added a graph for each device in the API Frontend

<Dharius>:

- Added comments for each function in C++ source code

<Daniel B>:

- API documentation

Topics discussed:

- **C++ source code:**
 - Dan Knox suggests we remove the magic number found in the 'rangeDifferenceThreshold' variable in Sensor.cpp. He suggests defining this in the header.
 - Dan Knox reminds us we can increase pc Serial baud rate to 11200.
 - He also suggests trying a 38400 baud rate for LoRaWan.
 - Dan Knox talks about adding a timeout in our currently empty 'while' serial in the sketch so it checks for Serial for a specific amount of time then times out.
- **Commenting convention (particularly for C++):**
 - Dan Knox confirms our chosen commenting convention looks good, and similar to the Doxygen commenting convention. So he suggests we take a look at that.
- **Corpus:**
 - Natalie to include back to back emails with environmental agency in corpus (not just their response).
- Dan Knox asks what our aim is for next week:
 - We explain that we have made a checklist with outstanding features - so we are going to aim on getting a lot of that done from now until next week.
 - We also emphasise that our biggest focus right now is on the source code, and getting this finished.

- Dan Knox suggests we begin thinking about our poster design.
 - All group members will come up with 3 doodles of our potential poster, with the information we should include. Group members should not show each other these doodles, but instead bring them to the next meeting to discuss common information between posters.

What's Being Done:

- Rough poster designs/ideas
- Continue working on the source code
- Testing

Further Discussion: