

## Minutes

Location: Shed

Date: Tuesday 20th 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>:

- Integration testing (testing sensor connected to processor and LoRaWan to ensure readings were being sent when expected to)

<Dharius>:

- Battery document

<Daniel B>:

- Integration testing (testing sensor connected to processor and LoRaWan to ensure readings were being sent when expected to)

### **Topics discussed:**

- **Poster:**

- Each group member takes it in turns to show 3 potential poster sketches
- Dharius' sketches:
  - We like the fact that there is a map, however Dan Knox says we should be careful with having a map in the poster as we will have to make it clear that it is only showing what we envisage
  - Poster 2 is best out of all 3
- Daniel's sketches:
  - Poster 1 is best out of all 3
  - We liked the fact that it has a cloud containing the project functionality
- Natalie's sketches:
  - Poster 1 is best out of all 3
- Dan Knox suggests we search for infrastructure resilience - flooding specific to get some information for our poster

- **C++ Source Code:**

- Daniel asks whether it is acceptable to make certain variables protected
- Dan Knox explains that the most important part is explaining your functionality - so as long as we explain why it is protected, we should do it if need be

- Dharius asks whether we should now focus more on getting the hardware together (once PCBs arrive) etc.
  - Dan Knox says we should focus on documentation now if we have free time as it would benefit us to start early
  - He says he will be responsible for setting up our hardware
- **Testing:**
  - We explain to Dan that we have managed to get our device to send and error codes by connecting our sensor to the processor and LoRaWan.

#### **What's Being Done:**

- Draw a design we're happy with for poster

#### **Further Discussion:**