Minutes

Location: Shed
Date: Tuesday 31st October
Not In Attendance: N/A

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

What's Been Done since the Previous Meeting:
N/A

Topics discussed:

- Dharius explains we are finishing designs, looking into ordering our sensor and prototyping with our arduinos.
- Dharius asks whether we should be thinking of how the PCB will look at this point?
    - Dan Knox confirms we don't - we should build a dev version first then final PCB will be based on that.
    - Dan Knox says we should show the increment of how the dev version changed - the evolution. It is fine to go back and edit design.

- **Corpus:**
- Dan Knox shows us a corpus from a previous year. We have access to it.
- Dan Knox emphasises the need to document everything - make more diagrams, test all ideas before christmas, make pros and cons.
- Dan Knox says we will need to iterate through our design.
- In the example corpus, they summarise each meeting - had links to each minute document.

- **Mounting:**
- Dan Knox says we should be looking at where on the river are we looking to demo it. What are the potential places for us to mount it at? What is the coverage like?
- Natalie asks whether we should ask permission to mount?
    - Dan Knox says we don't - depending on where we mount it. We should try to mount it somewhere fairly easy to access.
- Dharius asks about drilling
    - Dan Knox says we can use metal straps/clips
    - We can look at different bracket designs
    - Perhaps an arm to hold it

- **The email from the environmental agency:**
    - Dan clears up some of the information given i.e. the sensors are an independent unit and they differ depending on the site.

- **Sensor:**

- Dan Knox confirms that the university will fund our sensor. We need to request a procurement for it via the bookings.shed website.

What's Being Done:
Meeting up next week to visit different river sites around Canterbury to test signals/see where we could potentially mount our case.

Further Discussion: