

## Minutes

Location: School of Computing Common Room

Date: Tuesday 12th October

Not In Attendance: Daniel Knox

Attendance: Daniel Carl Beauchamp, Dharius Robinson, Natalie McLaren

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

<Daniel B>: Looked at the possibility of using lasers instead of ultrasonics

### Topics discussed:

- System Design completed. Components include:
  - **Measurement device** - Daniel B assigned to this component for Architectural Design stage.
  - **Communication** - Daniel B assigned
  - **Power supply** - Dharius assigned
  - **Storage** - Natalie assigned
  - **Case** - Natalie assigned
  - **Processor** - All members assigned
- Daniel B mentioning the possibility of using lasers instead of ultrasonics
  - One reason being that it's much cheaper.
- The arduino case - talk of printing our own 3D one at The Shed.
  - Would mean that we get to design it so that it caters to the possibility of having a removable SD card as storage.
- Environmental agency - contacting them to enquire on:
  - The budget they think we would need for the device we're using
  - ?
- Since Daniel B and I have experience in using Laravel, we agree that it will be our project's web technology.
- Looking into Influx DB as per Daniel Knox's comment - we agree to use this.
  - Set up by ourselves and not bought

### What's Being Done:

Meeting up on Tuesday with Daniel Knox to show system design & each member is to give an update on the architectural design stage of their allocated component(s).

### Further Discussion: