

# WeirWeather Group Meeting 14 Minutes

Date: 11:00, Mon 13/01/20

Room: RC473

Minute Taker: Tesfu Gebremedhin

## 1 Attendance

Zack North, Callum Brooksby, Tesfu Gebremedhin, Alexander Ulrichsen

## 2 Announcements

Need to send a method statement and risk assessment to Paul McGowan for roof access.

## 3 Review Previous Meeting Minutes

The previous meeting's minutes were reviewed and accepted by the group.

## 4 Actions from Last Meeting

#	Action	Assigned To	Deadline
1	Test ESP32 with I2C Device, Connect to Eduroam	Zack	In progress
2	Measure Power Demand & Specify Power Supply	Zack	Done
3	Research on I2C and attiny85 program with Arduino Uno	Tesfu	Done
3	CAD design for wind sensor	Tesfu	In progress
4	Learn php	Alexander	Complete
5	Input data processing API	Alexander	In progress
6	Create website layout and design	Callum	Complete
7	Design gauges for data display	Callum	In Progress

## 5 Discussion

Aspects of web development taking longer than expected due to learning curve and lack of web development experience.

CAD design also delayed.

## 6 Actions

#	Action	Assigned To	Deadline
1	Connect to Eduroam & Test Local Server	Zack	20/01/20
2	Order Waterproof Connectors & Power Supply	Zack	20/01/20
3	Order Miniature ball bearing and nuts	Tesfu	20/01/20
4	Start write code for wind sensor	Tesfu	20/01/20
6	Create API to retrieve current weather conditions from database	Alexander	20/01/20
7	Input data processing API	Alexander	20/01/20
8	Method statement & risk assessment for roof access	Alexander	20/01/20
9	Read local JSON file while trying to access database	Callum	20/01/20
10	Design gauges for data display	Callum	20/01/20