

WeirWeather Group Meeting 19 Minutes

Date: 11:00, Wed 19/02/20 Room: RC473

Minute Taker: Callum Brooksby

Attendance

Zack North, Callum Brooksby, Tesfu Gebremedhin, Alexander Ulrichsen, Mario Manca

Announcements

Review Previous Meeting Minutes

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

Actions from Last Meeting

#	Action	Assigned To	Progress
1	PCB design	Mario	In progress
2	Housing unit	Mario	In progress
3	Read Data from external weather APIs	Alexander	Done
4	Fix minor website issues	Callum	In progress
6	Full CAD Assembly	Callum	In progress
7	3D print remaining parts	Callum	In progress
8	Create CAD Models of Wind Sensors	Zack & Callum	Done
9	Code for Wind sensors	Tesfu	Done
10	Calibration for wind sensor	Tesfu	Done
11	Send Data to Database from ESP32	Zack	In progress
12	Test GSM Module with ESP32	Zack	In progress

Discussion

Tasks on the critical path to ensure project success were discussed and assigned to each member.

Zack:

- Transmit to server

- Read sensor data
- Manufacture PCB
- Assemble enclosure
- Sketch mounting solution

Callum:

- Solar panel mount
- Build mechanical strut
- Finalise website
- Main enclosure out/insert

Alexander

- Risk assessment/method statement
- Read transmitted data
- Domain name

Mario:

- 3D print
- Assemble PCB
- Calibration

Tesfu:

- Anemometer assembly
- Anemometer testing
- Wind vane testing
- Wind vane assembly
- PCB manufacture/assembly

Actions

#	Action	Assigned To	Deadline
1	Full CAD Assembly	Callum	26/02/20
2	3D print remaining parts	Callum	26/02/20
3	Fix minor website issues	Callum	26/02/20
4	Testing Anemometer	Tesfu	26/02/20
6	Testing Wind vane	Tesfu	26/02/20

7	PCB design	Mario	26/02/20
8	Housing unit	Mario	26/02/20
9	Send Data to Database from ESP32	Zack	26/02/20
10	Test GSM Module with ESP32	Zack	26/02/20
11	Historical External API Plots	Alexander	26/02/20
12	Fully link back-end APIs with front-end	Alexander	26/02/20