

# WeirWeather Group Meeting 20 Minutes

Date: 11:00, Wed 26/02/20      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	Full CAD Assembly	Callum	Complete
2	3D print remaining parts	Callum	Complete
3	Fix minor website issues	Callum	Complete
4	Testing Anemometer	Tesfu	In progress
6	Testing Wind vane	Tesfu	In progress
7	PCB design	Mario	In progress
8	Housing unit	Mario	In progress
9	Send Data to Database from ESP32	Zack	Done
10	Test GSM Module with ESP32	Zack	In progress
11	Historical External API Plots	Alexander	Done
12	Fully link back-end APIs with front-end	Alexander	In progress

## Discussion

Continued issues with MAE server. Server will be installed on USM computer to enable testing communications between AWS and database not on a local machine.

CAD assembly and 3D printing complete – assembly of the AWS structure can begin.

PCB design must be prioritised to ensure development is completed on time to begin full system testing.

## Actions

#	Action	Assigned To	Deadline
1	Solar Panel Mount	Callum	04/03/20
2	Build Mechanical Structure	Callum	04/03/20
3	Finalise website	Callum	04/03/20
4	Main enclosure	Callum	04/03/20
6	Testing Anemometer	Tesfu	04/03/20
7	Testing Wind vane	Tesfu	04/03/20
8	PCB design	Mario	04/03/20
9	Housing unit	Mario	04/03/20
10	Test GSM Module with ESP32	Zack	04/03/20
11	Combine Historical AWS and external API plots	Alexander	04/03/20
12	Fully link back-end APIs with front-end	Alexander	04/03/20
13	Configure USM PC to host website	Alexander	04/03/20