WeirWeather Group Meeting 21 Minutes
Date: 11:00, Thurs 04/03/20   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	Solar Panel Mount	Callum	Complete
2	Build Mechanical Structure	Callum	In progress
3	Finalise website	Callum	Complete
4	Main enclosure	Callum	In progress
6	Testing Anemometer	Tesfu	In progress
7	Testing Wind vane	Tesfu	In progress
8	PCB design	Mario	Done
9	Housing unit	Mario	In progress
10	Test GSM Module with ESP32	Zack	Complete
11	Combine Historical AWS and external API plots	Alexander	In progress
12	Fully link back-end APIs with front-end	Alexander	Done
13	Configure USM PC to host website	Alexander	Done

Discussion

Continued issues utilising GSM module to connect ESP32 to internet.

Website hosted on USM PC. However, due to University eduroam security, off campus access is not possible for this type of setup. A server will be hosted on a PC at home where the LAN router can be configured for port forwarding to allow for full internet access.

PCB design complete and can be manufactured and later soldered.

Main enclosure delayed and must be prioritised as it is a major task on the critical path.

Actions

#	Action	Assigned To	Deadline
1	Build Mechanical Structure	Callum	13/03/20
2	Main enclosure	Callum	13/03/20
3	Testing Anemometer	Tesfu	13/03/20
4	Testing Wind vane	Tesfu	13/03/20
6	PCB maufacture	Mario	13/03/20
7	Housing unit	Mario	13/03/20
8	Send data to server via GSM module	Zack	13/03/20
9	Combine Historical AWS and external API plots	Alexander	13/03/20
10	Set up server on home PC and configure for port forwarding	Alexander	13/03/20