

WeirWeather Mentor Meeting 4 Minutes

Date: 12:30, Fri 05/12/20

Room: RC374

Minute Taker: Zack North

1 Attendance

Zack North, Callum Brooksby, Tesfu Gebremedhin, Alexander Ulrichsen, Mario Manca
Professor Stephen Mcarthur

2 Announcements

Last meeting cancelled due to Job interview clash and connectivity issues for out of country members

3 Review Previous Meeting Minutes

Not Applicable

4 Agenda

- Project update
- Interim report feedback

5 General Discussion

- No feedback for interim report or presentation at the given time
- Project update – behind schedule due to wifi connection
- Zack currently working on solar power supply budget for solar panel and battery spec
- Wi-Fi microcontroller works with home wifi however University Eduroam had additional security measures that prevent microcontroller connection. IT department don't have a solution to fix issue delayed response has caused project delays
- Looking into 3G module to replace Wifi connection requires new module and 2 year data plan
- Mario started sensor testing rain gauge known to work as intended
- Sensors are meeting WMO standards
- Currently printing the final design
- Digital sensor PCB arrived and currently testing
- Contingency if can't work group has acquired a cheap sensor able to take different measurements however would not meet standards.
- CAD problem with wind vane and anemometer had to be redesigned
- Initial Website complete

- Testing website for error cases
- Testing different browsers
- Problem with web server cant get access to MAE server and slow reply from IT.
- Tether mounting decided

6 Conclusions

- Mitigations in place to bring the project back on track
 - Final report display project complexity simply
 - Get a running system
- Critical path analysis

7 Next Meeting

When/Where: 21/02/2020

Actions:

- Review Gantt Chart to review the critical Path
- Focus on critical path

#	Action	Assigned To	Deadline
1	Finalise 3G wireless	Zack	21/02/2020
2	CAD	Callum	21/02/2020
3	Electrical testing	Mario	21/02/2020
4	Send data to server	Zander	21/02/2020
5	Website testing	Callum	21/02/2020