

WeirWeather Group Meeting 11 Minutes

Date: 11:00, Mon 18/11/19

Room: RC473

Minute Taker: Zack North

1 Attendance

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

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	Progress
1	Finalise PDS	All	Done
2	Webpage Layout Designs & Read API Data	Callum	In Progress
3	Camera Requirements & Rain Gauge Design	Mario	
4	Communication & Antenna Requirements	Zack	Done
5	Selecting Microcontroller	Zack	Done
6	Solar Radiation Requirements & Wind Speed/Direction Design	Tesfu	In progress
7	Configure LAMP stack for web hosting	Alexander	Done

5 Agenda

- Discuss possible website layouts
 - Logo & Image
 - Summary table
 - Gauge Displays
 - Historical Charts
- Discuss main microcontroller program
 - Master board to combine information and send to server
 - Slave boards to read individual sensors
- Discuss data packet format
 - Key value pairs for each weather reading

- One reading for each value per packet
- Discuss reality of camera implementation
 - Out of budget
 - Not a requirement

6 Actions

#	Action	Assigned To	Deadline
1	Interim Report Draft	All	25/11/19
2	Weather Sensor Design	Mario	25/11/19
3	Weather Sensor Design	Tesfu	25/11/19
4	Basic Website Reading Data From APIs	Callum	25/11/19
6	Learn php for server side programming	Alexander	01/01/20
7	Selecting Components	Zack	25/11/19