

Team Name: sddec21-08

Team Members:

- Daniel Phalen
- Zachary Kauffman
- Thomas Smeed
- Walter Gilbert
- Mason Gil

Report Period: 11/9-11/22

Weekly Summary

Accomplishments:

- Made a breadboard version of the PCB
 - Allows us to test out all the parts while we wait for the pcb
- Ordered 3rd revision
- MVP demo
 - Firmware control loop finalized
 - Working loop of
 - Get sensor preferences from AWS
 - Set preferences
 - Loop through all ports on the mux
 - Read in ADC value
 - Construct message payload
 - Send message to AWS with sensor values
 - Sensor values displayed on front-end

Individual Contributions

Team Member	Contribution	Weekly Hours for Fall 21	Total hours for Fall 21
Daniel Phalen	Working on the daughter board	5	32
Zach Kauffman	Working on Launchpad firmware and the alert system	6	36
Thomas Smeed	Working on daughter board	2	12
Walter Gilbert	Working on cleaning up CSS	3	18
Mason Gil	UI pages and scheduling system	3	18

Pending Issues

Waiting for PCB

Plans for Coming weeks

Finalize demo with final PCB revision, more sensors