

## Senior Design Bi-Weekly Status Report; Fall 2021

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Team Name: sddec21-08

Team Members:

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

Report Period: 10/26-11/8

### **Weekly Summary**

#### **Accomplishments:**

- Made graph display more modular
- Modularized the launchpad's view of which sensors it owns (gets a list from AWS on boot)
- Launchpad prepped for integration with daughter board when it arrives (still waiting for PCB to come in)
- Redesigned PCB
  - Ordered the parts and PCB
  - Parts have already arrived
- Made a breadboard version of the PCB
  - Allows us to test out all the parts while we wait for the pcb

### 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	4	26
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

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### Pending Issues

Waiting for PCB

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### Plans for Coming weeks

- Talk to sensors from the launchpad (dependent on getting PCB in)
- Clean up CSS
- Modularize max/min values for sensors (to map from ADC reading to degrees/percentage/etc)