Senior Design Bi-Weekly Status Report; Fall 2021

Team Name: sddec21-08
Team Members:
- Daniel Phalen
- Zachary Kauffman
- Thomas Smeed
- Walter Gilbert
- Mason Gil

Report Period: 9/14-9/27

Weekly Summary
Accomplishments:
- Revised gateway plan from using Raspberry Pi to using Launchpad.
- Progress made on skeleton for scheduling + graphing pages
- Downward communication path (website to sensor module) solidified
- Hardware progress on PCB + the power layout
- User preferences - each sensor module has list of sensors that get instantiated and queried for

Individual Contributions

Team Member	Contribution	Weekly Hours for Fall 21	Total hours for Fall 21
Daniel Phalen	**Working on the daughter board**	4	12
Zach Kauffman	**Working on Launchpad firmware**	4	12
Thomas Smeed	**Working on daughter board**	2	6
Walter Gilbert	**Working on user preferences**	3	9
Mason Gil	**Building graphs setting up UI pages**	3	9

Pending Issues

None so far. We lost a little bit of time this work period as we went back to the drawing board for gateway code, but we are all back on track on the firmware front.

Plans for Coming weeks
- Finish scheduling page
- Talk to sensors from
- Add UI options for utilizing some of the backend user preferences changes we added support for