Team 1 Open Source Air Quality Monitoring

Week 7: February 13th 2022 - February 20th 2022

Sponsor: Dr. [David Burnett](mailto:dburnett@pdx.edu)

Advisor: Dr. John Acken

Team Members: [Adam Dezay](mailto:adezay@pdx.edu), [Manuel Garcia](mailto:manga2@pdx.edu), [Brandon Hippe](mailto:bhippe@pdx.edu), Mercedes Newton

**Team Review:**

* Conducted first in person team check in with Dr. Burnett.
* Solidified sensor choices.
* Worked on getting example code working on our MSP 430.
* Achieved working MSP 430/energia on ¾ team member computers.
* Created a list of components ready to purchase.
* Making final tweaks to the project proposal before submission by Monday the 20th.

**Individual Review**

Adam Dezay: Continued CO2 sensor research, decided on SGP30, worked on final project proposal, updated Wiki, Started on CO2 code, Updated final proposal.

Manuel Garcia: Continued Smart mesh and kicad research, worked on initial MSP430/ Energia / Code Composer Studio setup, assisted teammates with MSP 430.

Brandon Hippe: Continued to develop final anemometer pending results, organized ordering spreadsheet, updated proposal, assisted teammates with MSP 430.

Mercedes Newton: Continued PM sensor research, decided on SPS30. Organized team trello/documentation.