Team 1 Open Source Air Quality Monitoring

Week 6: February 6th 2022 - February 13th 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 team check in with professor Greenberg.
* Further solidified sensor choices, aim to order sensors during Monday meeting.
* Looked into alternate microcontrollers that would fit our application better.
* Worked on getting example code working on our MSP 430s
* Working towards getting list of components ready to purchase
* Making final tweaks to project proposal before submission by Friday noon

**Questions for moving forward**

* Can we get the template for submitting order requests so we can order components soon?
* Is there any chance of using the STM32 L series chip?
* When is our next meeting with Dr. Burnett?

**Individual Review**

Adam Dezay: Continued CO2 sensor research. Updated wiki

Manuel Garcia: Continued Smart mesh and kicad research, worked on initial MSP430/ Energia / Code Composer Studio setup, Researched other microcontrollers that may fit our application better

Brandon Hippe: Continued to develop final anemometer pending results.

Mercedes Newton: Continued PM sensor research. Organized team trello/documentation.