Team Name: sdmay24-16
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Report Period: Oct 23-Nov 5

Summary of Progress in this Period

During the past few weeks, we have been able to start implementing a one sensor system and have been able to get it reading in data to our Raspberry Pi Pico and get roughly the correct temp in both Celsius and Fahrenheit. We have also been implementing various software functions such as the Bluetooth implementation from the Pico to an iOS phone application. We are also in the process of getting a multi-sensor system working with the Pico.

Pending Issues

- Running into issues getting the multi sensors system to work as it is no longer reading in the correct data
- Still have to work with some of the other temp sensors we have ordered to see which one works best for our application.

Plans for Upcoming Reporting Period

- Get a multi-sensor system functioning
- Do various tests with the multi-sensor system such as: Controlled environment testing in various weather conditions, testing on a person, making sure the power lasts long enough, calibration of sensors, etc.
- Start working with the other sensors that we have ordered.
- Pick specific sensor that is best for use based on our tests and one sensor systems.