Team 7 Sprint Two Retrospective

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What Went Well?

As an amateur meteorologist (web application user), I would like to view weather data from all weather stations.
As an amateur meteorologist (web application user), I would like to view weather data from a specific station.

- The server accepts filtering requests from the user and appropriately parses the requests and returns data based on the filters chosen.
- Controller code accepts a user's location and goes to the database to retrieve weather information for the weather station closest to them.

As a weather station owner, I would like to view my personal weather station data.
As a weather station owner, I would like to view aggregated weather data.

- Filters were implemented to allow weather station owners to filter the data to only see their own.

Non-Functional web application code:

- The webpage was successfully refactored so that pages are created using a single template.
- The webpage is now mobile friendly.
- Both the mobile and desktop versions of the website are responsive to changes in window size.
- The webpage is easier to navigate and users can easily find what they are looking for.

Non-Functional Weather Station Tasks:

- Code for retrieving data from the temperature, humidity, pressure, and light sensors was written and works.
- The wind sensor was 3D printed and is ready to be integrated with the weather station.
- Data can be published to the web server via JSON.
- Initial prompting for settings of a weather station on startup was implemented and successfully adds a new weather station to the database.
- Upon initial setup each weather station is assigned a unique identifier which is published to the database along with its alias and location.

All the tasks were completed, and we communicated well on the parts that involved both webapp and weather station. This made sure when someone wanted to pull data from the database, or push to it, we were sending the right data in the right format.

What Didn’t Go Well?

Some of the tasks were not correctly balanced with time and complexity, so some members were able to finish quickly and others spent more time overall, for a variety of issues. Some dealt with things they haven't seen before, while others completed tasks with which they were already familiar.

How We Should Improve?

One way we can improve is to better balance the tasks, in terms of time and complexity, between team members. We could also improve our team communication by having more structured meetings where we all summarize what we’ve done so far. This way everyone will be on the same page and know the progress of all aspects of the project.