Sprint #1 Report - 4/21/2019

Retrospective

Actions to stop doing:

1. Set clear tasks
2. Stop making tasks bigger than 5 task points

Actions to start doing:

1. Track dependencies of tasks on other tasks
2. Update burn up chart right after standups
3. Create a schedule for posters

Actions to keep doing:

1. Keep picking up tasks

Work Overview

Completed

User Stories 2, 3, 4, 5:

As a user, I would like the app to be visually cohesive so I am not context switching between the different components.

As a sailor, I want to be able to choose which sensors are currently feeding data into the algorithm so that I have more control over the algorithm.

As a researcher, I would like the algorithm to be in its own codebase so I can focus on what the algorithm does.

As a researcher, I would like the python testbed to use velocity made good charts for a more accurate path.

Not Completed

User story 1

a. UML diagram of one sensor module (blocked)
b. Test coverage 80%+ for the refactor (backlogged)
    i. SensorServices
        1. OpenWeather wind
    ii. SensorModule
    iii. WidgetTests
        1. Compass
        2. Binnacle
        3. BinnacleHeading
c. SensorModule prioritization of SensorServices (dropped)
d. UML diagram of the project (blocked)
e. UML diagram of the algorithm, sensor, and UI relationships (blocked)

Work Rate

Tasks backlogged: 23 (UML blocked by refactor, tests backlogged)
Tasks dropped: 5 (SensorProvider)
44% of the work was not done that we planned for in Sprint 1

We averaged 2.5 task points a day, but with a heavy bias towards the end of the sprint