OST Sprint #3 Report - 3/3/2019

- **Actions to stop doing:**
    - Assigning too much work
    - Don't make as large of user stories
- **Actions to start doing:**
    - Be more on top of pull requests and code reviews
    - Have two people per pull request
        - Scrum master will assign
    - Go Sailing

- **Actions to keep doing:**
    - Keep showing up to meetings
    - Keep communicating well
    - Keep staying Agile
    - Keep talking about design principles
    - Keep doing planning poker
- **Work completed/not completed:**
    - As a user, I would like a way to visually interpret the current state of the data model, so that I have a better sense of what my boat is doing **(32)**
        - Implement the Deck UI widget **(3)** *(Donovan Rost)*
        - Build the Ideal Heading UI Widget **(5)**
        - Build the Actual Heading UI Widget **(2)**
        - Build the Wind UI Widget **(3)** *(Casey Hillers)*
        - Refactor compass implementation to write to the data model **(3)**
        - Refactor accelerometer implementation to write to the data model **(3)**
        - Build the Compass UI Widget**(5)** (Nick Kalscheuer)
        - Make state that is shared across multiple screens **(8)**
    - As a user I want to have a route provided to me based on current wind and weather so that I can efficiently move across the bay
        - Compile a reference list of research papers to read **(5)** *(Daniel Richards)*
        - Read the research papers and distill them into some synopsis for the team **(8)**
        - Have a discussion as to how to develop this algorithm **(5)**
        - Develop a super duper barebones version of the algorithm **(13)**
        - Get the algorithm working on the Flask server **(5)**
    - As a user I want to be able to connect my phone to a bluetooth sensor package so that I can have the most accurate data **(7)**
        - Choose a bluetooth library **(2)** (Will Walker)
        - Create a bluetooth manager class that can connect to device **(5)**

- **Work completion rate:**
  - Sprint 1: 4 user stories completed, 25 total ideal hours completed across 14 days
    - Stories/day : .29
    - Ideal workhours / day: 2.9
  - Sprint 2: 3 user stories completed, 32 total ideal hours completed across 14 days
    - Stories/day 0.21
    - Ideal work hours / day 2.29
  - Sprint 3: 0 user stories completed, 55 ideal hours completed across 14 days
    - Stories/day 0
    - Ideal work hours / day 3.9