

# Binnacle

Sprint Plan #1

January 15 2018

## High Level Goals

We will be using sprint one mainly for setup of the project, the test suite and the plugin/package configuration.

### Sprint 1

1. As a Developer, I want a previewable [tns preview --bundle] app pushed to github repo that has been pulled and previewed by all CS teammates so that we can all start on the same app and test on our phones as we go. **(Release points: 5, Task points: 4)**
  - a. Push template binnacle app to the git organization **(2)**
  - b. Everyone clone and pull binnacle repo then build on your device **(2)**
2. As a Developer, I want TravisCI to perform build test on every user story and sprint branch so that we can have system testing as part of our Definition of done. **(Release points: 8, Task points: 13)**
  - a. Configure travisCI to build all branches **(5)**
  - b. Choose and configure the unit testing framework, create a sample test to illustrate how testing will work**(5)**
  - c. Set up the linting system and integrate it into travis. Configure linter to throw warnings not build errors **(3)**
3. As a Developer, I want a visual mockup of the app we are going to build so I know what I'm going to build. **(Release points: 5, Task points: 7 )**
  - a. Convert whiteboard sketch to a component list and add that list to project folder **(2)**
  - b. Create a digital version of the whiteboard *sketch* and add that drawing to project folder **(5)**
4. As a Developer, I want to gather wind speed/direction and all the data we can gather from the phone. Note: these only need to print out, this is just a test of the plugins and package configuration **(Release points: 8, Task points: 11 )**
  - a. Get lat/long **(2)**
  - b. Get accelerometer **(2)**
  - c. Get wind speed/direction **(5)**
  - d. Get compass **(2)**

### Roles

Scrum Master: Donovan Rost

Product Owner: Daniel Richards

Developers: William Walker, Nicholas Kalscheuer, Casey Hillers

## Initial Task Assignments

- Donovan: 1a, 1b
- Daniel: 1b, 3a
- Casey: 2a, 1b
- Nick: 2b, 1b
- Will: 1b, 4c