

# Sprint Plan 2

Marine Plastics Monitor  
4/23/2018

## Goal

To create basic versions of searching and data visualizations.

## User Stories

**User Story 1: As a representative of Clean Oceans, I would like to have pie charts and bar graphs of the amount of trash per beach so I can visualize the trash.** 13

Task 1: Learn to filter MLab data by location 3  
Task 2: Make pages for locations 5  
Task 3: Convert data to form D3 can use 3  
Task 4: Make charts and add to pages 5

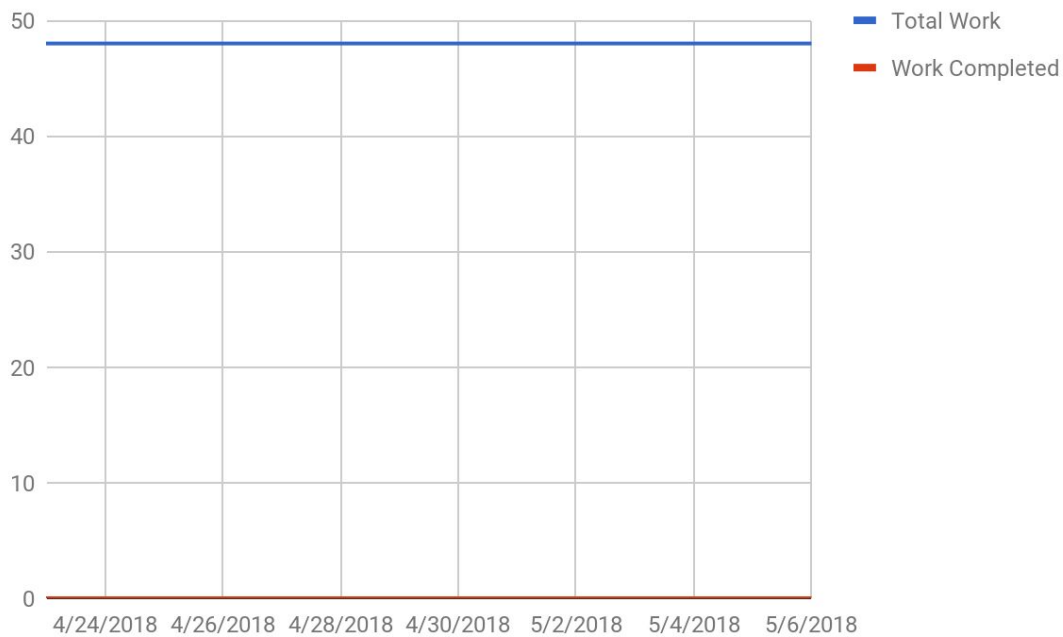
**User Story 2: As a representative of Clean Oceans, I would like to filter the clean up sites based off of what kind of trash so I can see which sites have certain amount/kinds of trash in a list or on the map.** 21

Task 1: Learn to filter MLab data by plastic types 3  
Task 2: Add search bar to maps page, normalize search terms 7  
Task 3: Return matching data entries and display them on the map 5

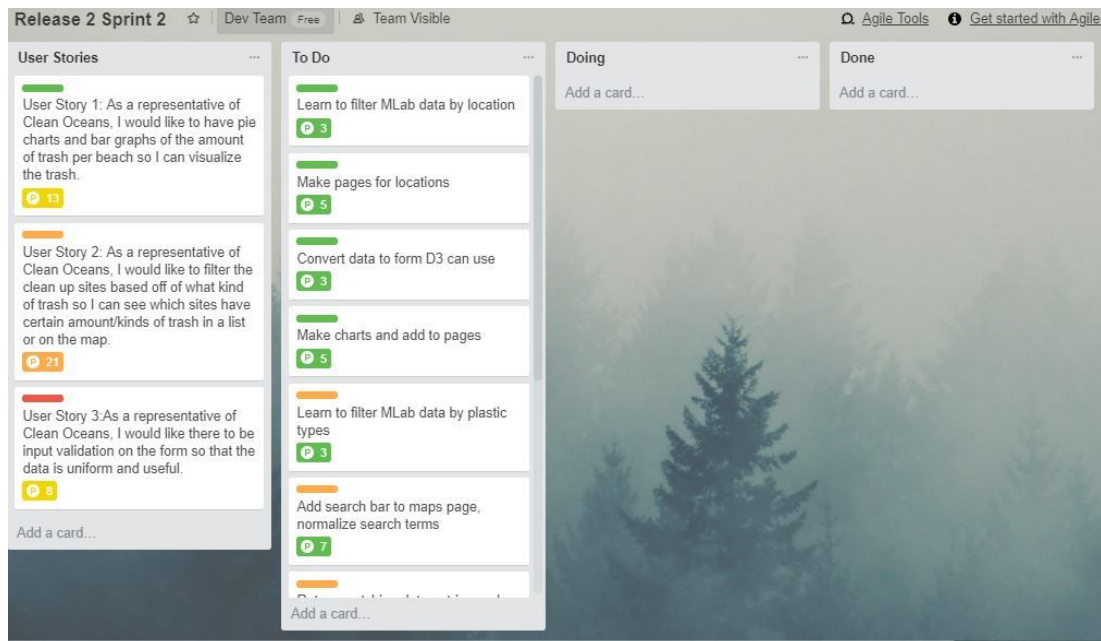
**User Story 3: As a representative of Clean Oceans, I would like there to be input validation on the form so that the data is uniform and useful.** 8

Task 1: Decide what fields are necessary and which fields have certain formats 1  
Task 2: Create a validation function for certain fields 10  
Task 3: Update form fields so they are easier to validate (ex. make them dropdowns) 6

## Initial burnup chart



## Scrum Board



## Scrum times

Tuesday 3:15

Thursday 3:15

Sunday 1:00

Friday 11:00, with TA

Friday (5/10) 2:30, with sponsor