

## **Release Plan**

### **Marine Plastics**

**Release 1.0 3/20/18**

#### **Revision 1**

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#### **• High level goals:**

- An organized website with a map view to be able to display all the clean up sites.
- Ability for members to input any amount of data regarding a clean up site onto the website.
- Ability for anyone to reorganize and filter clean up sites regarding season, material, or other data filters.
- Have an informational area to educate people the necessary protocol to clean up an area.

#### **• User stories for release:**

##### **o Sprint 1**

As an engineer I want to be able to learn ReactJS and MongoDB in order to implement an organized and functional website.

As a member of Clean Oceans I want a clean, organized, and planned layout of the website so I can easily find the necessary links with it mobile responsive.

##### **o Sprint 2**

As a member of Clean Oceans I want to be able to enter data regarding a clean up no matter how little the clean up information is.

As a member of Clean Oceans I want to be able to view all of my submissions.

As a member I want to login using firebase google authentication and then post the data onto MongoDB.

##### **o Sprint 3**

As a member of Clean Oceans I want to view the posted data on a map to have easy viewability of my necessary information.

As a member of Clean Oceans I want to be able to filter the data by different areas so I can view the data clearly.

#### **• Product backlog:**

As a citizen scientist I want a site to learn how to enforce the marine plastics protocol so I can take part in the clean up.