

Sprint 3 Plan
Marine Plastics Monitor 2019
Release 3: March 2019
Revision 1

High level Sprint goals:

- Clean up UX/UI
- Fix bugs

User Stories:

1. Finish connecting front end to back end for survey input
 - a. (5 h) Save local data and send as form to back end - FRANKY
2. As a user entering data, I want the ability to delete or edit erroneous entries in case I made a mistake.
 - a. (3 h) Finish delete functionality - CASSIA
 - b. (3 h) Finish edit functionality - NOEL
3. As a user browsing beach clean up data, I want to be able to narrow down my search results quickly and efficiently in order to minimize the time it takes to view the data.
 - a. (3 h) Implement elastic search/our own version of it - JUSTIN
4. As an admin of the site, I want to make sure all data entered is safe and harmless
 - a. (4 h) Sanitize form fields (validator.js, backend) - CONNOR, NOEL
 - b. (3 h) Sanitize form fields (frontend) - FRANKY
 - c. (2 hr) Be able to edit/delete entries of any form under your organization — NELSON, NOEL
5. As a user interested in finding more information about the plastic distribution on beaches, I want an improved pie chart that I can view the data with — NELSON
 - a. (2 hr) Sort pieces by size
 - b. (2 hr) Add sidebar with more detailed information: units (% , number of pieces, pounds?)
6. As a user entering data about my recent beach cleanup, I want survey entry to be as painless as possible. - JUSTIN
 - a. (4 hrs) Research OCR (Google) as a feasible solution for scanning tally marks
7. As a volunteer cleaning up trash on the beach, I want a modern method of data collection that makes it easier for me to collect data in the field. EVERYONE
Mobile research:

- a. (1 hr) Come up with a method of how to collect data using the mobile app
 - b. (1 hr) Draw quick sketch/wireframe of how that would work w/ mobile app
8. Improve UI
- a. (0.5 hr) Come up with a list of pain points in the UI — CASSIA
 - b. (0.5 hr) Come up with solutions for the pain points — CASSIA
 - c. (4 hrs) Implement solutions — CONNOR, CASSIA, NELSON
 - d. (1 hr) Decide on unified brand/style guide for entire website — CASSIA

Team Roles

- Cassia Artanegara: Product Owner, Developer
- Frank Kohn: Developer
- Justin Law: Developer
- Nelson Perez: Scrum Master, Developer
- Noel Gomez: Developer
- William Koch: Developer

Initial Scrum Board:

C: Cassia

FK: Franky

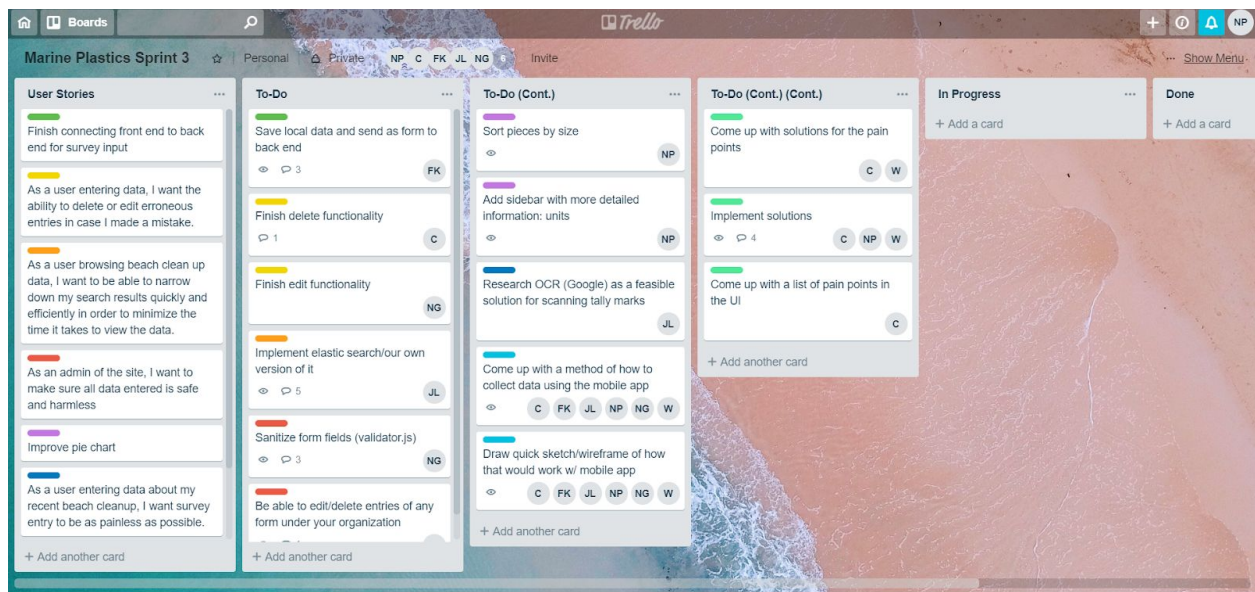
JL: Justin

NP: Nelson

NG: Noel

W: Connor

Initial Burnup Chart:



Sprint 3 Burn-Up

