

Sprint 4 Plan

Product Name: UCSC LML Marine Debris Data Visualization

Member Names: Bridget Chew, Kaitlyn Liao, Noah Cantwell, Spencer Fulgham, Zachary Miller

Team Roles

Kaitlyn Liao: Project Owner, Developer

Bridget Chew: Scrum Master, Developer

Noah Cantwell: Developer

Spencer Fulgham: Developer

Zachary Miller: Developer

Goals:

The goal of this sprint is to finish up all the static pages of the web application, update our database with the finalized research data, and explore hosting options.

Task Listing

Sprint 4:

1. “As a developer, I want to pick a restricted map tool to visualize and pin select locations of rural and urban beaches.”

Story Point Estimate: 3

Ideal hours: 5

Tasks:

- Find a map tool that can
 - restrict location to northern california coast
 - have pins and pop ups
 - Mapbox(?) - From previous team
- Document the various options
- Decide on map tool
- Install it in our codebase

Assigned Members (2): Kaitlyn, Zack

2. “As an admin user, I want to be able to upload my csv file on the website and have my data safely stored and displayed.”

Story Point Estimate: 5

Ideal hours: 7

Tasks:

- Have user upload file from front end
- Fix POST request issues
- Update postgres to reflect finalized data columns
- Update data table on front end to display CSV data
- Document the changes that were made to postgres

Assigned Members (1): Spencer :)

3. “As a general user, I want to be able to view a page that contains the map and interactive graphs to view marine debris data.”

Story Point Estimate: 3

Ideal hours: 5

Tasks:

- Update design of debris data page on figma (if needed)
- Implement skeleton of debris data page on react
 - Render map (api or image) horizontally next to reserved space for graphs
 - Leave space for map
 - Leave space for graphs

Assigned Members (1): Kaitlyn

4. “As a general user, I want to be able to view how the Survey Slug program collects its marine debris data.”

Story Point Estimate: 3

Ideal hours: 5

Tasks:

- Finalize methodology page
- Clean up spacing and any aesthetic imperfections
 - Right-align each photo with their respective paragraphs
- Collect all necessary write ups and add to webpage
- Check spelling and grammar of write ups
- Fill carousel with images

Assigned Members (1): Bridget

5. “As a general user, I want to view the people who contributed to this website.”

Story Point Estimate: 3

Ideal hours: 5

Tasks:

- Finalize team page
- Clean up spacing and any aesthetic imperfections
- Collect all necessary write ups and personal links from dev team
 - Bridget
 - Kaitlyn
 - Noah
 - Spencer
 - Zack
- Add all team write ups to cards
- Check spelling and grammar of write ups

Assigned Members (1): Zack

6. “As a general user, I want an informative homepage, so that I can learn about ways I can help lower the human impact on marine debris.”

Story Point Estimate: 3

Ideal hours: 5

Tasks:

- Finalize landing page
- Clean up spacing and any aesthetic imperfections
- Collect all necessary write ups and add to webpage
- Check spelling and grammar of write ups
- Fill carousel with images
- Add links to carousel
- Finish carousel functionality

Assigned Members (1): Noah

7. “As a developer, I want to understand our options to host and deploy the web application.”

Story Point Estimate: 3

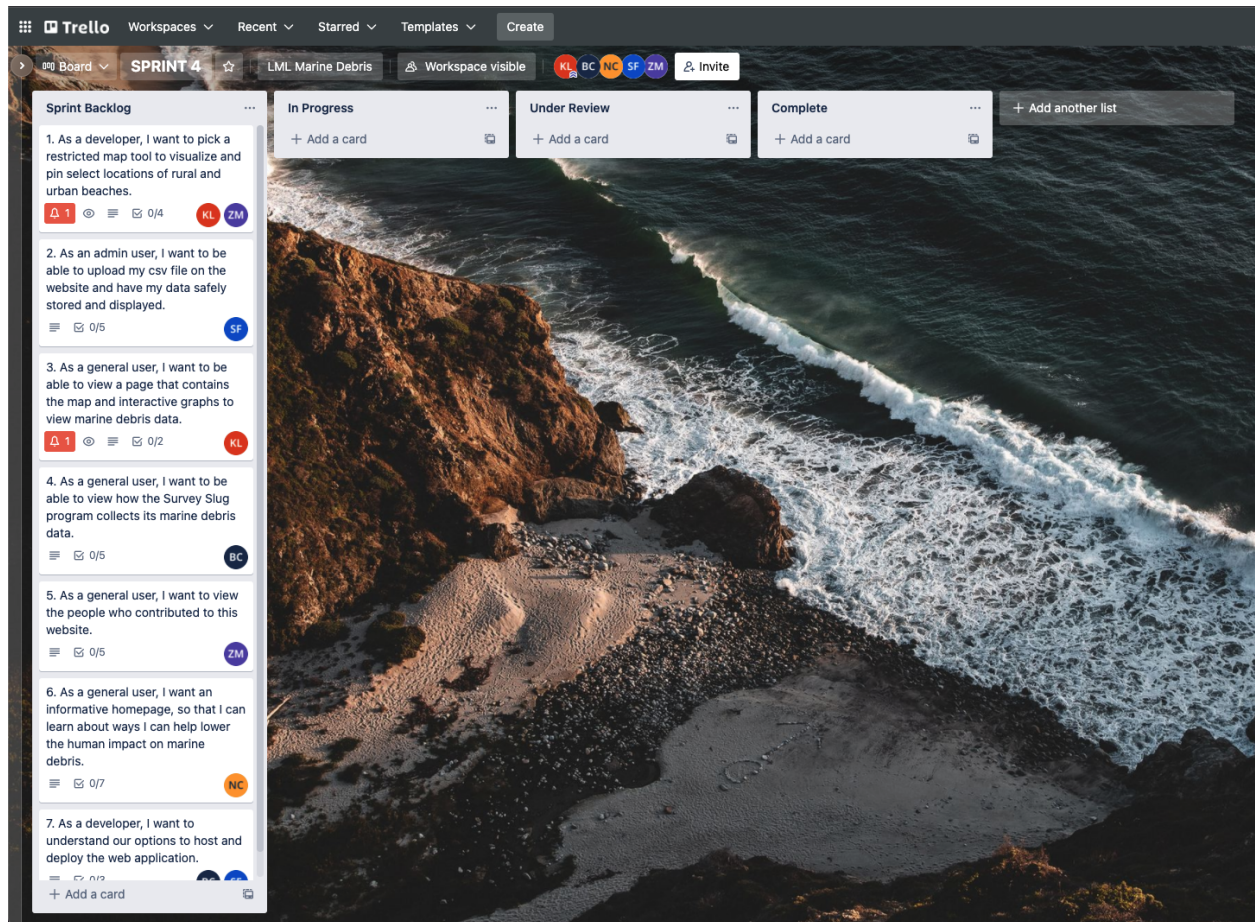
Ideal hours: 5

Tasks:

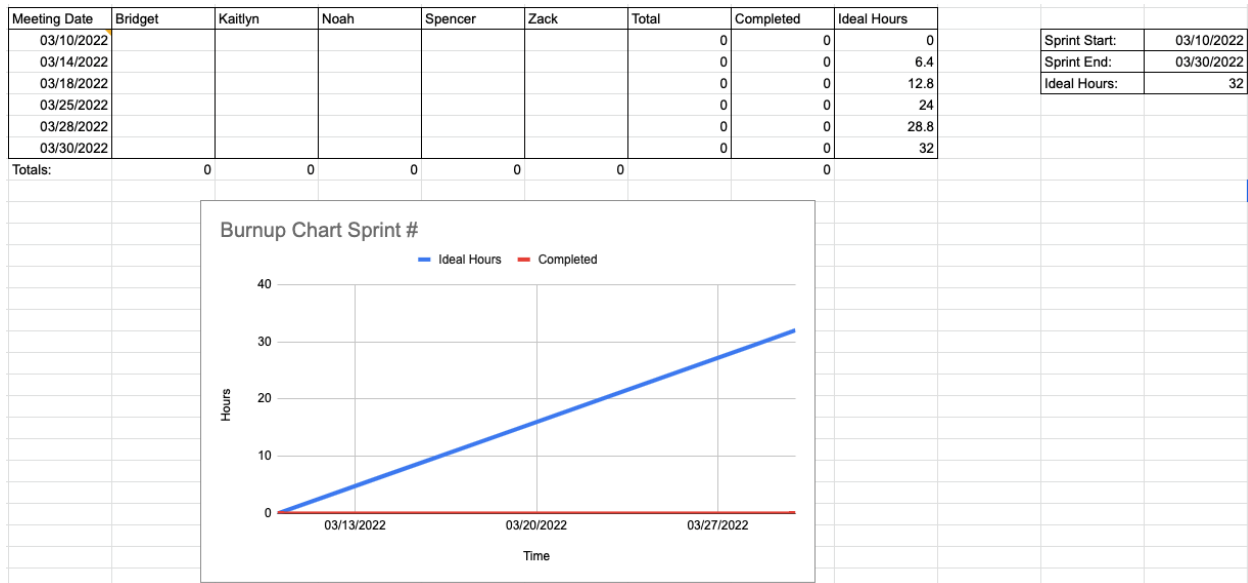
- Communicate with Robin about which hosting site she prefers
- Research on how to deploy each hosting platform (if robin doesn't pick one for use already)
 - Document pros and cons of it

Assigned Members (2): Spencer, Bridget

Initial Scrum Board



Initial Burnup Chart



Scrum Times:

March 10, 2022 - March 18, 2022

Sprint Meetings:

Tue 11:00am - 11:15pm

General Work Together Meetings:

Monday 4:00pm - 5:00pm

March 19, 2022 - March 27, 2022:

On break, not meeting

March 28, 2022 - March 30, 2022:

Sprint Meetings:

TBD

TA Meeting:

TBD

Sponsor Meeting:

TBD

General Work Together Meetings:

TBD