

Sprint 7 Plan

Product Name: UCSC LML Marine Debris Data Visualization

Member Names: Bridget Chew, Kaitlyn Liao, Spencer Fulgham, Vinh Le, Zachary Miller

Team Roles

Kaitlyn Liao: Project Owner, Developer

Bridget Chew: Scrum Master, Developer

Spencer Fulgham: Developer

Vinh Le: Developer

Zachary Miller: Developer

Goals:

The goal of this sprint is to reassess how to approach hosting and start cleaning up the website in preparation of the project ending.

Task Listing

Sprint 7:

1. “As a general user, I want to be able to visit the official LML Marine Debris website.”

Story Point Estimate: 13

Ideal hours: 15

Tasks:

- Host website on Heroku
- Get lml payment info to host on heroku
- Host postgres
- Host Node Express
- Confirm plan of action to take with sponsors
- Manual test hosted and deployed website
- Document how to update what's hosted on website

Assigned Members (3): Bridget, Kaitlyn, Spencer

2. “As a super admin, I want to be able to log on to the LML website and update the data used to display the graphs on the website.”

Story Point Estimate: 13

Ideal hours: 15

Tasks:

- Make a working login page
 - Encrypt passwords before storing them
- Design data table for admins
- Change display so super admin can see list of admin
- Give Robin, Maia, and Juli credentials to hosted postgres db
- Document how to upload new csv data to postgres
 - Safe way to display buttons to walkthrough upload process
 - Fix bug where you have to press “submit” twice
 - Rough error checking
- (?) protect links to avoid stealing links per profile (unique webpage id)
 - Redirect to login if not signed in as that user

Assigned Members (2/3): Spencer, Bridget

3. “As a general user, I want to be able to interact with and view data of beaches on a map with collected debris data.”

Story Point Estimate: 8

Ideal hours: 10

Tasks:

- Remove graph button, only use pins to select which graphs display for individual beaches
- Compare button to select which beaches users can compare
 - Ask research team if they would like to restrict any comparisons
- Recenter map when graph page is open
- Add a legend to map page
- Request for images additional images to go with each beach
- Animated progressive line for line graph
- Adjust season colors for season graph
- Complete urban vs rural scrolling between debris types
- Add loading icon during “GET” requests

Assigned Members (4): Zack, Spencer, Kaitlyn, Vinh

4. “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: 5

Ideal hours: 8

Tasks:

- Request final homepage images
- Request updated writeup geared towards education and outreach rather than advertising to get volunteers
- Homepage image on click takes you to respective beach graph page
- Include updated homepage writeup
- Include background information about lml and survey slugs
- Include preview of presentation and poster?

Assigned Members (1): Vinh

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

Story Point Estimate: 5

Ideal hours: 8

Tasks:

- Request photos of people doing data collection
- Request photos of data collection diagrams
- Shorten text on page
- Add gallery of images to cycle through
- Make text wrap around image
- Make images responsive

Assigned Members (1): Zack

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

Story Point Estimate: 3

Ideal hours: 5

Tasks:

- Request images from dev team
- Request links from dev team
- Request updated images and descriptions from research team
- Upload all requested content onto page
- Update layout to be single stacked blocks center aligned
- Team member block are window responsive
- Text wraps around image
- Finalize acknowledgements section

Assigned Members (1): Zack

7. “As a developer, I want to create an easy to understand poster and presentation of how and why the LML Marine Debris project was developed.”

Story Point Estimate: 1

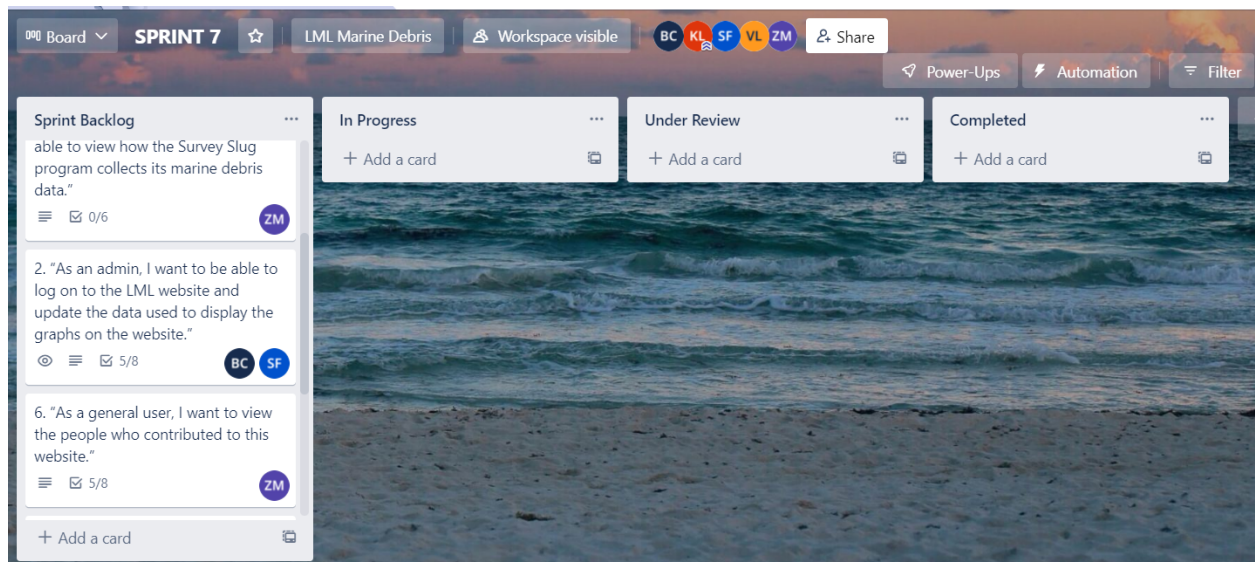
Ideal hours: 2

Tasks:

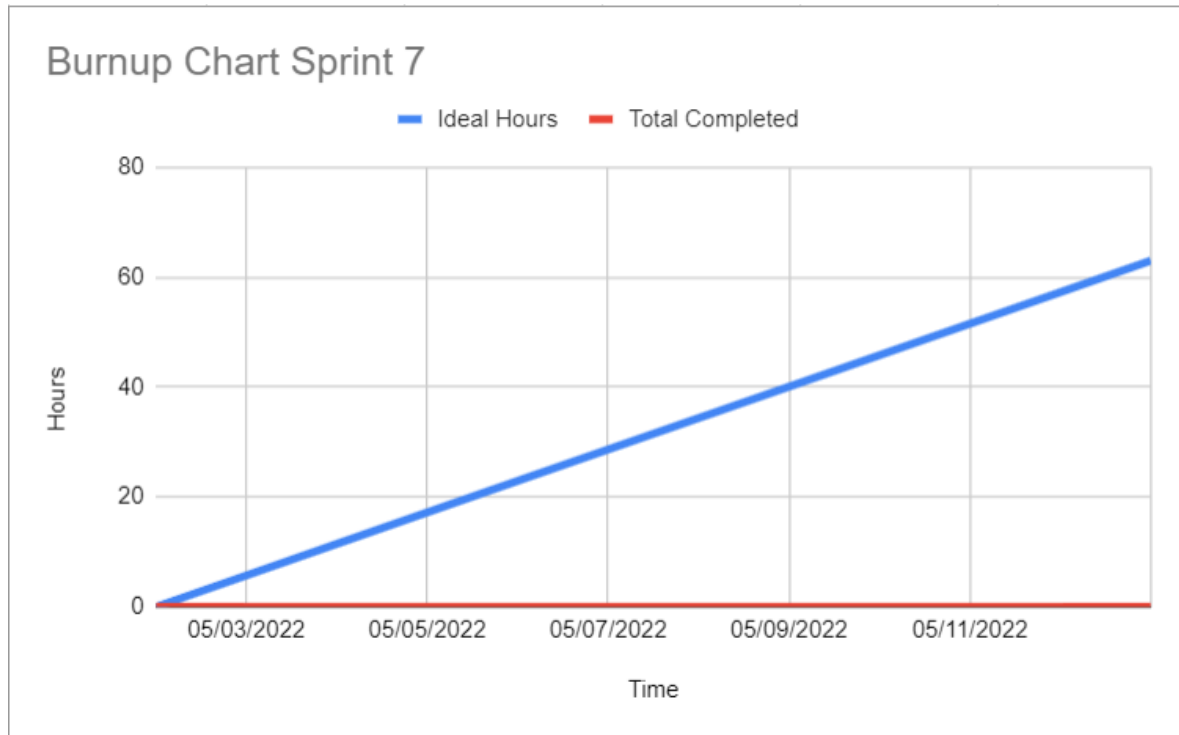
- Look at presentation and poster for comments

Assigned Members (5): Spencer, Kaitlyn, Vinh, Bridget, Zack

Initial Scrum Board



Initial Burnup Chart



Scrum Times:

April 1, 2022 - April 15, 2022

Sprint Meetings:

MWF 2:00pm - 2:15pm

TA Meeting:

W 2:00pm - 2:30pm

Sponsor Meeting:

M 4:00pm - 4:30pm