

Climate Change Visualization

Sprint 3 Plan (4/19-5/16)

Goal:

- Finish individual data visualizations
- Integrate data visuals to the world map.
- Web design and UI for World Map(s)

User Stories & Tasks

User Story 1: As a user, I want to be able to view top 5/bottom 5 values based on both total amounts as well as percentile amounts.

- [3] Choropleth
- [1] CO2 Bubbles
- [?] Sea Level
- [4] Temp
- [2] Energy

Total for User Story 1: 10 hours

User Story 2: As a Developer, I want to move all visual elements & associated features to a single SVG

- [1] Choropleth
- [?] Sea Level
- [2] Temp
- [2] Energy

Total for User Story 2: 5 hours

User Story 3: As a user, I want to see a legend to understand scaling for each visual

- [1] Choropleth
- [?] Sea Level

- [4] Temp
- [2] Energy
- [2] CO2

Total for User Story 3: 9 hours

User Story 4: As a user, I want to see web pages that visually appealing and relevant to climate change, so that I want to stay and explore.

- [3 * 4] Create 'stories' per web page explaining the data and current direction of climate change
- [2] Have a good color/font scheme throughout all text, visual, and overall web pages
- [3] Re-do homepage introduction and explanation

Total for User Story 4: 17 hours

User Story 5: As a user, I want to see prediction data to understand where global warming is headed

- [3 * 4] Find and incorporate prediction data up to at least 2050 for each visual

Total for User Story 5: 12 hours

User Story 6: As a user, I want to see matching header data tracking for each visual

- [3 * 4] Track cumulative statistics for each visualization

Total for User Story 7: 12 hours

Total Sprint 3: 65 Hours

Scrum Meeting Times:

Monday: 2:00 Voice Call → Logistics

Tues/Thurs: After meetings @8:00AM, → Talk

Sat: 1:00 - 5:00 Voice Call → Group Programming