

Climate Change Visualization

Sprint 1 Plan (4/8-4/18)

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 developer I want to reorganize the website src folder so it's easier to navigate add more files

- [1] Generate & Structure directories
- [7] Change call methods to match new organization

Total for User Story 1: 8 hours

User Story 2: As a developer I want to homogenize all visuals so they maintain consistency

- [1 * 4] Tooltips
- [1 * 4] Text(Font style/size)
- [2 * 4] Color/Transitions
- [2 * 4] Sliders
- [2 * 4] Input methods → Buttons/Entry Boxes

Total for User Story 2: 32 hours

User Story 3: As a user I want to be able to see all information for each data type on the same webpage

- [3 * 4] Combine visuals to single webpage

Total for User Story 2: 12 hours

User Story 4: As a developer I need data to generate prediction climate change visuals

- [6] Browse interwebs for: credible, time spanning, category relevant data

Total for User Story 2: 6 hours

User Story 5: As a product-owner I want to create a recognizable identity for our team

- [1] Decide on name
- [2] Generate Logo
- [1] Add logo/name to website

Total for User Story 2: 4 hours

User Story 6: As a developer I want to debug edge-cases issues with visualizations

- [5] - Dave:
 - [3] Edge Case CO2 Parse cleanup for choropleth
 - [1] Edge Case Temp Parse cleanup for choropleth
 - [1] Initial data for choropleth's not NULL
- [7] - Eric:
 - [3] Organize my sunburst
 - [2] Optimize visual
 - [2] Add legends
- [4] - Morgan:
 - [1] Input year edge cases for CO2 visual
 - [3] Play/Pause button edge cases
- [6] - Steve:
 - [3] edge case after selecting country and using arrow keys
 - [3] allow for other ways to navigate years other than arrow keys for tablets/phones

Total for User Story 2: 26 hours

Total Hours: 8+32+12+6+4+ 24 = 84 Hours → ~2 hours a day

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