

Climate Change Visualization

Sprint 4 Plan (2/25-3/20)

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 website to look aesthetically pleasing and bug free.

- Have a good website layout and themes [5]
- Bug free [5]

Total for User Story 1: 10 hours

User Story 2: As a developer, I want to enhance our individual visualizations to possibly display more data and look better

- [7] Get our unique visuals to display data for all countries/topics
- [6] Integrate Steve and Eric's visuals to master site

Total for User Story 2: 13 hours

User Story 3: As a developer I want to implement and refine features for choropleths

- [7] Find visually appropriate scales for datasets
- [4] Create slider for time step navigation
- [6] Possibly create zoom?

Total for User Story 3: 17 hours

User Story 4: As a back-end developer I want to parse datasets into readable formats

- [5] Convert to energy file to tsv format for choropleth
- [5] Convert temperature file to tsv format for steve's visual

Total for User Story 4: 10 hours

User Story 5: As a user, I want to be informed and educated by the visuals/website

- [5] Create descriptive/educational write-up/explanation of visuals and why it matters
- [6] Have visual/map be easily learnable by users. Know how to use graphs and charts

Total for User Story 1: 11 Hours

Total Hours: 61Hours

1. Scrum Meetings for sprint 3:

- a. Sat 2pm(in person), Mon 11am(voice), Tues 8am(in person TA), Thurs 12:30-12:45(voice).