Product Name: Data Visualization

Team Name: Visualizing Climate Change

Date: March 21, 2019

Note: This document contains a list of user stories and their corresponding scenarios that provide "coverage" for them. The unit tests are included in a separate 'Testing.md' document (as specified by the template on piazza)

----- Sprint 1 | User Story 1 -----

User Story: As a developer, I want to find global (or almost global) data resources from a reputable source.
Scenario: As a developer this data is used for our unique visuals and chloropleth.

----- Sprint 1 | User Story 2 -----

User Story: As a developer, I want to learn D3, include 5 different forms of visualizations to show proof of learning
Scenario: As a developer this helped us learn the basics, tools, and different ways of visualizing using D3

----- Sprint 1 | User Story 3 -----

User Story: As a developer, I want to construct a minimal website and display one visualization on it
Scenario: As a developer this isn't a full scenario since our project is a website

----- Sprint 1 | User Story 4 -----

User Story: As a developer, I want to consolidate logistics/framework
Scenario: As a developer this is where we format our datasets into desired formats of TSV/json

----- Sprint 2 | User Story 1 -----

User Story: As we developer, we need to be proficient in D3 in order to create good visuals
Scenario: As a developer this coverage is implied due to our goal of interactive visuals

----- Sprint 2 | User Story 2 -----

User Story: As a developer, understanding the powerful tool, Function(d), allows us to use the anonymous functions.
Scenario: As a developer this coverage is implied as function(d) is a powerful and commonly used D3.js tool

----- Sprint 2 | User Story 3 -----

User Story: As a user, I want to see a 2D world map on the main website, so I can see all the data on climate change
Scenario: As a developer this isn't a full scenario and coverage is implied due to use of D3 and a website

----- Sprint 2 | User Story 4 -----

User Story: : As a developer team, we want to teach our relevant d3 category learned and teach it to each other so we can all learn through each other.
Scenario: As a developer this isn't a full scenario and coverage is limited by our teams own knowledge of D3 topics

----- Sprint 3 | User Story 1 -----

User Story: As a developer I want to finish my data visual for my category
Scenario: As a developer this coverage is implied due to our goal of completing our interactive visuals

----- Sprint 3 | User Story 2 -----

User Story: As a user, I want to interact with the World Map on the website
Scenario:
1. Click on the Co2 World Map, Temperature World Map, or Energy World Map
2. Hover over the countries to see specifics of that topic for each country
3. Drag the slider to go to specific years and interact with map

----- Sprint 3 | User Story 3 -----

User Story: As a developer we want to integrate our data visualizations to the world map.
Scenario: As a developer this isn't a full scenario and coverage is implied due to necessity of our choropleths on our website.

----- Sprint 3 | User Story 4 -----

User Story: : As a user, I want to see a basic website design and user interface
Scenario: As a developer, this isn't a full scenario and coverage is subjective and based on personal preference and user taste

----- Sprint 3 | User Story 5 -----

User Story: : As a user, I want to be able to see information about the ocean so that it matches the country data style.
Scenario: As a developer, this isn't a full scenario and coverage is expected on our website and visuals

----- Sprint 4 | User Story 1 -----

User Story: As a user, I want to website to look aesthetically pleasing and bug free.
Scenario: As a developer this coverage is subjective and decided upon our team and based off user feedback

----- Sprint 4 | User Story 2 -----

User Story: As a developer, I want to enhance our individual visualizations to possibly display more data and look better
Scenario: As a developer this coverage is implied through Spring Quarter where we provide better visuals visually and educationally

----- Sprint 4 | User Story 3 -----

User Story: As a developer, I want to implement and refine features for choropleths
Scenario: As a developer this isn't a full scenario and coverage is implied due to necessity of having global maps on our website

----- Sprint 4 | User Story 4 -----

User Story: : As a back-end developer, I want to parse datasets into readable formats
Scenario: As a developer this isn't a full scenario and coverage is limited by our different visuals and what's required for each visual

----- Sprint 4 | User Story 5 -----

User Story: As a user, I want to be informed and educated by the visuals/website
Scenario: As a developer this isn't a full scenario and coverage is implied as our visuals and website are meant to educate the users