

Climate Change Visualization

Sprint 1 Plan (1/24-2/2)

Goals

- a. Find global (or almost global) data resources from a reputable source (3)
- b. Learn D3, include 5 different forms of visualizations (8)
- c. Construct a minimal website and display one visualization on it (3)
- d. Consolidate logistics/framework (1)

User Stories and Tasks

User Story 1: As a developer, we want to find global (or almost global) data resources from a reputable source

- Find a global (or almost global) data resource on CO2 levels - *Morgan*(1)
- Find a global (or almost global) data resource on Temperature levels - *Steve*(1)
- Find a global (or almost global) data resource on Energy consumption - *Eric*(1)
- Find a global (or almost global) data resource on Rainfall levels - *Dave*(1)

User Story 2: As a developer, we want to learn D3 and show 5 different forms of visualizations

- Create 5 different visuals in D3 to demonstrate learning(8)

User Story 3: As a developer, we want to construct a minimal website and display one visualization on it

- Construct a minimal website - (2)
 1. Upload one visualization - (1)
 2. Link to Firebase? (1)

User Story 4: As a developer, we want to consolidate logistics/framework

- Consolidate logistics/framework (how to format data and files)- *All* (1)
- Get data into spreadsheet/json (2)

Total Hours: 51 Hours

2. Scrum Meetings

- a. M 10.30-11 Voice, T 8-8.30 T.A., Thurs 6-6.30 Voice , S 2-2.30 In person