Sprint-2 Artifact

Members: Alan Chau, Alex Kuang, Kent Phan, Kevin Ferrer, Ryan Park

Features (user stories) to Implement in Next Sprint:

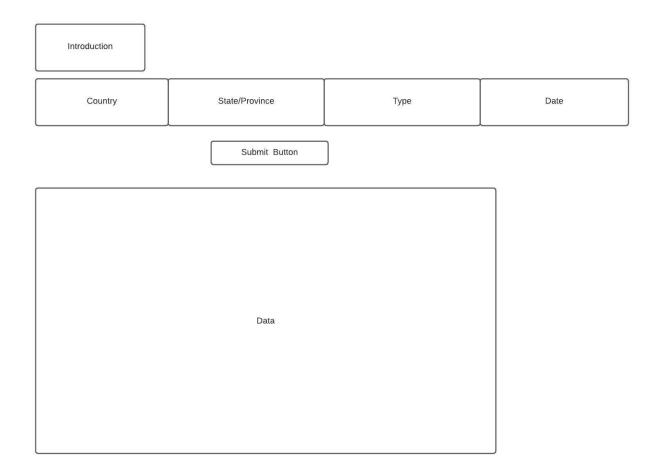
- Feature 1:
 - As a user, I want to be able to filter data by State/province:
- Feature 2:
 - As a user, I want to be able to filter data by Type (Cases/Recovery/Deaths)
- Feature 3:
 - As a user, I want to be able to filter data by date
- Feature 4:
 - As a user, I want to be able to filter data by country

-Test Cases

- Feature 1: As a user, I want to display the relevant data based on State/Province.
 - o Test Case 1 : Empty
 - Correct Output: No State/Province filters applied to the displayed data
 - Test Case 2 : Incorrect Input (i.e. inputting a state/province that doesn't exist)
 - Correct Output: Error message
 - Test Case 3: Make sure the State Input belongs to the Country Input
 - Correct Output: Error message
- Feature 2: As a user, I want to check the relevant data based on Type (Cases/Recovery/Deaths)
 - Test Case 1: Empty
 - Correct Output: No Type filters applied to display data
 - Test Case 2: As a user, I click the type box to select a filter
 - Correct Output: Type box displays a drop down with clickable types of: Recovery, Death, Cases, No Type
 - Test Case 3: As a user, I press No Type
 - Correct Output: The website displays all 3 types
 - Test Case 4: Select only one Type
 - Correct Output: Return the corresponding data
- Feature 3: As a user, I want to check the relevant data based on dates and time frame.
 - Test Case 1: As a user, I want to find the number of confirmed cases on the weekend.
 - Correct Output: Displays the confirmed cases on the weekend.
 - Test Case 2 : As a user, I want to find the number of confirmed cases during 12:00 2:00 p.m.
 - Correct Output: Displays the confirmed cases during 12:00 2:00 p.m.
 - Test Case 3: As a user, I want to find the number of confirmed cases on Saturday at 12:00 - 2:00 p.m.
 - Correct Output: Displays the confirmed cases during 12:00 2:00 p.m. on Saturday.
 - Test Case 4: As a user, I want to find the number of confirmed cases last month Monday.
 - Correct Output: Displays the confirmed cases last month Monday.
- Feature 4: As a user, I want to check the relevant data based on country
 - Test Case 1: Empty
 - Correct Output: No Country filters applied to display data
 - Test Case 2: As a user I want to know the number of cases the US

- Correct Output: Display the confirmed number of case of the US
- o Test Case 3 As a user I want to know the number of death in China
 - Correct Output: Display the total number of death in China
- o Test Case 4: As a user I want to know the rate of change of cases in the US
 - Correct Output: Display a graph with trend line and the rate of change

GUI Design



TODO LIST

Done list of last sprint

- Fields of interest
 - Done by everyone
- Connecting client to server
 - Done by Kevin Ferrer
- Creating front end
 - Done by Kevin Ferrer

ToDo task list for the next sprint:

- Make initLoadCSV [a0]
 - Ryan + Kent
- Backend helper functions [a1]
 - Everyone
- Make and Connect the APIs [a2]
 - Alan
- Implement UI to accept User Input [b0]
 - Kevin
- Implement data displayed from response [a3]
 - Alex