

# Sprint-2 Artifact

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## 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.
  - 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
- 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
- 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

Introduction

Country	State/Province	Type	Date
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Submit Button

Data

## 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