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Lab 5 - It's Corona Time

[Data Set \(for bookmarking\)](#)

Features (analytics to implement) to Implement in Next Sprint:

- **World Data: (COVID-19.csv)**
 - **Feature 1:** as a user, I want to be able to see visualizations of the analytics.
 - **Feature 2:** as a user, I want to be able to see the change over time of various data.
 - **Feature 3:** as a user, I want to be able to see a comparison between different analytics.
 - **Feature 4:** as a user, I want to be able to see a comparison between ages getting the virus and dying.

GUI design:

1

Country ▾ MM/DD to MM/DD What trend do you want to observe? ▾ GO

+

2

Country ▾ 04/14 to 04/20 Mobility trends in... ▾ GO

USA
UAE
AUS

parks
restaurants
workplaces

+

3

USA ▾ 04/14 to 04/20 parks ▾ GO

Country ▾ MM/DD to MM/DD What trend do you want to observe? ▾

+

4

USA ▾ 04/14 to 04/20 parks ▾ GO

AUS ▾ 04/14 to 04/20 parks ▾

+



User test cases:

- **Feature 1 Test Cases:** as a user, I want to be able to see visualizations of the analytics.
 - **Test Case 1:** As a user, I want to put in my search and have visual analytics show up.
 - Correct Output: A chart will show up when I search up a query.
 - **Test Case 2:** As a user, I want to be able to easily look at the visual analytics.
 - Correct Output: The charts will be very easy to read and user friendly.
- **Feature 2 Test Cases:** as a user, I want to be able to see the change over time of various data.
 - **Test Case 1:** As a user, I want to see the change from before Coronavirus and during Coronavirus.
 - Correct Output: A chart comparing the change of outings from before Coronavirus and during Coronavirus.
 - **Test Case 2:** As a user, I want to see the change from early on in Coronavirus and later on during Coronavirus.
 - Correct Output: A chart comparing the change of outings from early on in Coronavirus and later on during Coronavirus.
- **Feature 3 Test Cases:** as a user, I want to be able to see a comparison between different analytics.
 - **Test Case 1:** As a user, I want to be able to compare different outings to see the change over time.
 - Correct Output: A chart comparing two different outings (work vs. grocery shopping) to see the change over time.
 - **Test Case 2:** As a user, I want to be able to compare different different countries.
 - Correct Output: A chart comparing two different countries and how they compare will show up.
- **Feature 3 Test Cases:** as a user, I want to be able to see a comparison between ages getting the virus and dying.

- **Test Case 1:** As a user, I want to be able to see the age comparisons of people getting the virus.
 - Correct Output: A bar chart comparing the ages of people getting the virus.
- **Test Case 2:** As a user, I want to be able to see the age comparisons of people dying from the virus.
 - Correct Output: A bar chart comparing the ages of people dying from the virus.

Taskboard:

Done list of last sprint:

- Perform update/insert/delete operations
 - Implemented by Enrique Munoz
- Basic UI for insert/update/delete
 - Designed by Celyna Su
 - Implemented by Enrique Munoz

To Do task list for the next sprint:

- Perform analytics to implement
 - Jesse
 - Cristina