

Sprint 4 Artifact

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To do list:

Improvements:

1. Implement a stronger parsing system to ensure data struct is correct.
2. Search rigidity.
3. Making it look pretty. Yes. Add some color. (Kenny L.)
4. Update output what is updated. (Kenny L.)

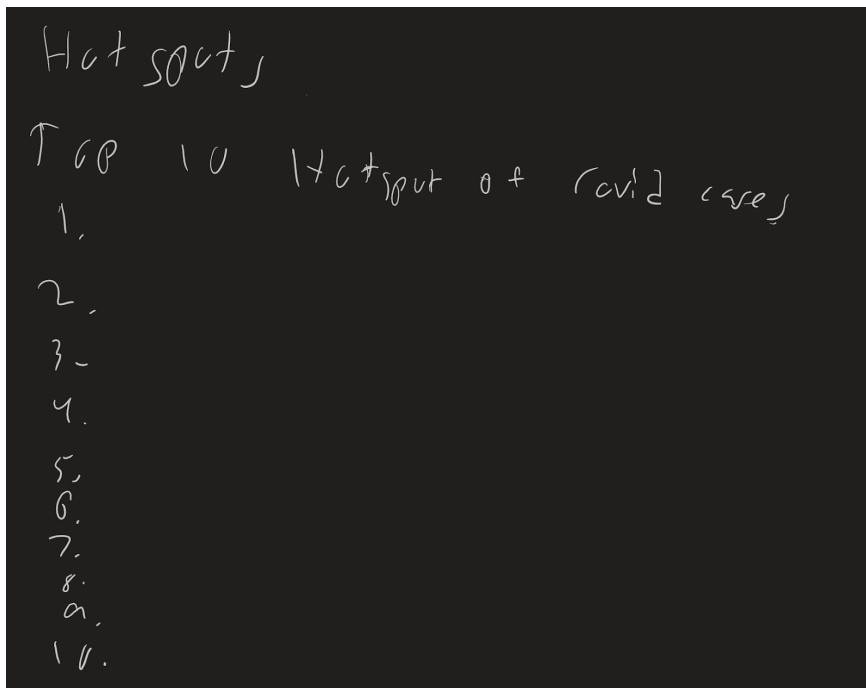
Features to implement:

1. Implement import function (parser). (saves directly to "covid_19_data.csv") (Ben)
2. Hotspots. (nathan)
3. Ratio to confirm or death. (Kenny Y.)
4. Transmission rate percentages.(county level grades). (Alton)

Done List:

1. Added Insert (Fulfilled by Nate)
2. Added Delete (Fulfilled by Nate)
3. Added Update (Fulfilled by Kenny L.)
4. Can now backup our main csv file to back csv file (Fulfilled by Kenny Y.)
5. Provided a drop down menu that brings clarity on how to search data (Fulfilled by Alton)
6. Imported deleted and inserted data instantly(not efficient)(accidently Fulfilled by Nate)
7. Modified parser to not use third party libraries. (Fulfilled by Kenny L., Nate.)

Hot Spots:



Ratio:

Ratio to confirm and death

< searched data here >

Ratio #

Transmission rate #

Transmission Rate

< searched data here >

Transmission rate #

Test Cases:

1. Feature 1: As a user, I want to be able to see the last edited data from backup.
2. Feature 2: As a user, I want to be able to see the top 3 to 10 provinces/states in a country/region
3. Feature 3: As a user, I want to see the ratio of confirmed cases to deaths
4. Feature 4: As a user, I want to be able to see which places have the highest transmission rate percentages.
5. Improvement 2: As a user, I want to be able to search through the data set without running into any problems.
6. Improvement 3: As a user, I want to be able to enjoy my time on the website. Seeing all of the deaths/recovered/confirmed cases from the comfort of my own home.