

Sprint-4 Artifact

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Features (Analytics to implement):

- Feature 1 : As a User, I want to be able to see which country has the most deaths (top 5)
- Feature 2 : As a User, I want to be able to see which province/state has the most cases (top 5)
- Feature 3 : As a User, I want to be able to see which province/state has the most deaths (top5)
- Feature 4 : As a User, I want to be able to see which province/state has the most recovery (top 5)

Test Cases

- Feature 1 : I want to be able to see which country has the most deaths (top 5)
 - Test Case 1: User inputs no country
 - Correct output: Display top 5 countries with most deaths
 - Test Case 2: User inputs country
 - Correct output : Display total deaths for inputted country
- Feature 2 : I want to be able to see which province/state has the most cases (top 5)
 - Test Case 1: User inputs no state
 - Correct output: Display top 5 states with most cases
 - Test Case 2: User inputs a state
 - Correct output: Display total cases for the inputted state
- Feature 3 : I want to be able to see which province/state has the most deaths (top5)
 - Test Case 1: User inputs no state
 - Correct output: Display top 5 states with most deaths
 - Test Case 2: User inputs a state
 - Correct output: Display total deaths for the inputted state
- Feature 4 : As a User, I want to be able to see which province/state has the most recovery (top 5)
 - Test Case 1: User inputs no state
 - Correct output: Display top 5 states with most recovered
 - Test Case 2: User inputs a state
 - Correct output: Display total recovered for the inputted state

TODO LIST

Done list of last sprint

- GUI for create,update,delete, and backup
 - Kevin
- Setup Frontend and Backend Endpoints
 - Kevin
- Dynamic Table for response
 - 2 Columns: Date | Cases
 - 2 Cards above table: Country and State
 - Javascripts function to return the data
 - Alex
- Make copy of CSV
 - Alan, Kent, Ryan
- Create backend function
 - Alan, Kent, Ryan

- Update backend function
 - Alan, Kent, Ryan
- Delete backend function
 - Alan, Kent, Ryan
- Backup (write to CSV)
 - Alan, Kent, Ryan

TODO task list for the next sprint:

- Set up backend functions
 - Return top 5 countries with most deaths
 - Alan, Kent, Ryan
 - Return top 5 states with most cases
 - Alan, Kent, Ryan
 - Return top 5 states with most deaths
 - Alan, Kent, Ryan
 - Return top 5 states with most recovered
 - Alan, Kent, Ryan
- Frontend GUI
 - Kevin
- Setup Frontend + Backup Endpoints
 - Kevin
- Tables for features
 - Alex

GUI Design

Introduction

Country	State/Province	Type	Date
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Submit Button

Country	State/Province	Type	Date
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InsertEditDeleteBackup

Top 5 Deaths (country)	Top 5 Confirmed (state)	Top 5 Recovered (state)	Top 5 Deaths
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Data