CovidDB

Team Members: Adam Samuelson, Alejandro Balderas, Jun Naruse, Mark Grubbs, Nicholas Huang

The Team

Adam Samuelson

Responsibilities:

Back-end development

Contributions:

83 Commits, **20** Issues, **0** Unit Tests

Adam is in his 4th and final year at UT as a CS major with a minor in government. Outside of class he mentors freshmen through a CNS FIG known as TIP. Additionally, he enjoys listening to music, hanging out with friends, working on his own CS projects, and hydrating himself with water.

Alejandro Balderas

Responsibilities:

Front-end development

Contributions:

22 Commits, **0** Issues, **0** Unit Tests

Alejandro is a senior majoring in CS. This is his last year before graduating and starting a full time position at Expedia. He loves pugs and exercising

Jun Naruse

Responsibilities:

Back-end development
Back-end unit testing

Contributions:

93 Commits, **0** Issues, **32** Unit Tests

Jun is an exchange student from Peru. He is in his last semester majoring in Mechatronics Engineering. In his free time he likes watching anime and reading manga.

Mark Grubbs

Responsibilities:

Front-end Unit Testing

Contributions:

50 Commits, **9** Issues, **18** Unit Tests

Mark is in his last semester as a CS major with a certificate in Japanese. He is really into video games.

Nicholas Huang

Responsibilities:

Front-end development
Front-end unit testing

Contributions:

57 Commits, **18** Issues, **23** Unit Tests

Nicholas fell in love with programming since high school and has been coding ever since. Now, he is very proud to work as a developer for CovidDB, working long hours to ensure that users get all the COVID-19 information that they need

Demonstrations

Self Critique

What did we do well?

- Getting a lot of things done really fast
- Splitting up the work
- Helping each other out when we get stuck

What did we learn?

- React, Flask, databases, AWS, TypeScript, Jest, Python, git, CI, Docker

What did we teach each other?

- Git pipeline, react components and CI pipelines.

What can we do better?

- Start the projects earlier
- Get more information for the city model
- Better management of Git repository

What effect did the peer reviews have?

- Hold accountable
- General view of our team’s performance

What puzzles us?

- API randomly returning a HTTP 500 error

Other Critique - Around The World

What did they do well?

- Well designed user interface
- Clear connection between models

How effective was their RESTful API?

- Missing documentation for searching, filtering and ordering query parameters
- Fast and Reliable

How did they implement your user stories?

- Good job on implementing and responding to our users stories within scope

What did we learn from their website?

- The possibility of integrating youtube videos with an api
- A better way to implement the filtering interface

What can they do better?

- Mobile and tablet compatibility
- Some of the countries' flags appeared as a broken link

What puzzles us about their website?

- Including country name as a filter option seemed redundant
- Some countries have 0 for gdp; is this due to null values?
- How did they get images for food and attractions for all the countries?