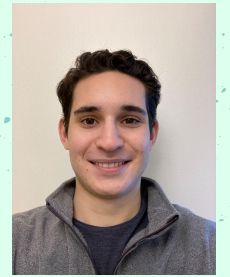
DIMINISHING DISASTERS

Dani Amir, Martin Nguyen, Ruchi Bhalani,
Anthony Modica, Jonathan Debella

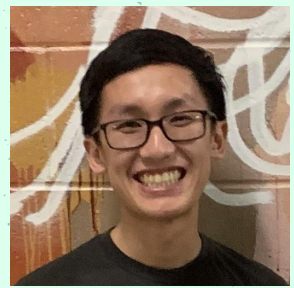
TEAM

Ruchi Bhalani



Anthony Modica

Jonathan Debella



Martin Nguyen

Dani Amir

Team

Ruchi Bhalani

- Role: Full Stack
- Phase 4 Leader
- Models and Schemas
- Provider Visualizations
- Customer Stories
- Technical Report
- Testing

Team

Jonathan Debella

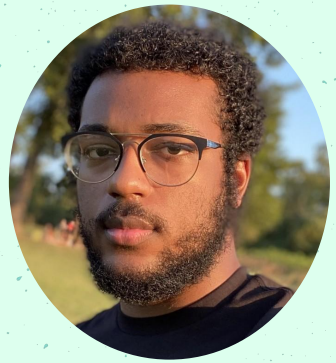
- Role: Full Stack
- Scraping
- Visualizations
- Frontend Components

Team

Martin Nguyen

- Role: Full Stack
- Phase 3 Leader
- Database Creation
- Searching and Sorting
- API
- Refactoring

Team



Dani Amir

- Role: Full Stack
- Phase 2 Leader
- Pagination
- Model Tables
- Instance Pages
- Splash Page
- Selenium Tests

Team

Anthony Modica

- Role: Full Stack
- Phase 1 Leader
- Global Search
- Frontend Components
- Populating Database

DEMO

diminishingdisasters.me

SELF CRITIQUE

01

WHAT DID WE DO WELL?

- Communication
- Collaboration
- Delegation

02

WHAT DID WE LEARN?

- Learned how to use several different AWS services
- Learned how to use React
- Learned how to set up a database
- Learned how to write a test suite using different frameworks (Jest, unittest, Postman, Selenium)

03

WHAT DID WE TEACH OTHER?

- Taught each other some React
- Learned to trust each other

SELF CRITIQUE

04

WHAT CAN WE DO BETTER?

- Focused more on styling and CSS
- Learn and research more frontend packages
- Better documentation/commenting within the code

05

WHAT EFFECT DID THE PEER REVIEWS HAVE?

- Gave us an accurate picture of how much we we contributed
- Gave us an accurate picture of how good of a teammate we were

06

WHAT PUZZLES US?

- The inner workings of backend technologies such as Flask, SQLAlchemy, Marshmallow, etc.

OTHER CRITIQUE – Finding Footprints

01

WHAT DID THEY DO WELL?

- UI is well designed, easy to use
- Website is aesthetically pleasing, especially their splash page

02

HOW EFFECTIVE WAS THEIR RESTFUL API?

- Good information
- Well documented, easy to use
- Takes a while to load

03

HOW WELL DID THEY IMPLEMENT YOUR USER STORIES?

- 9/15 user stories were implemented
- Took suggestions well and used it to enhance their website

OTHER CRITIQUE – Finding Footprints

04

WHAT DID WE LEARN FROM THEIR WEBSITE?

- The prevalence of climate change as an issue
- The blame falls on the companies, not individuals
- The negative effects of climate change disproportionately affect people of color

05

WHAT CAN THEY DO BETTER?

- Find a way to make API endpoints load quicker
- Include more interactive visualizations, like clickable maps, so users can observe geographic trends more easily

06

WHAT PUZZLES US?

- Why they shifted the focus of their website over the course of the semester
- Used to be about climate change legislation rather than carbon emission rates