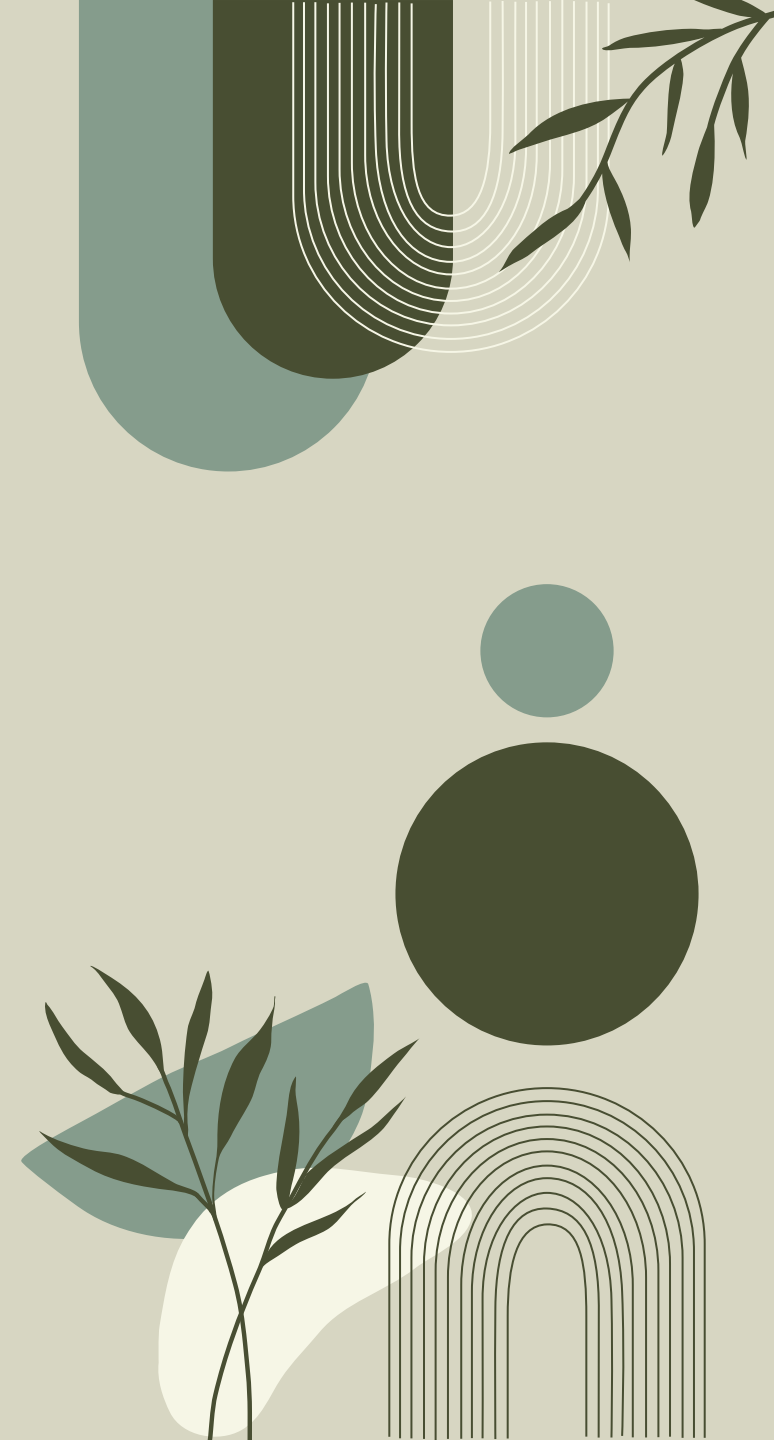


StormShelters

Shreya Nakka, Aaron Kulkarni, John Smith, Rohit Chawla, Adriana Reyes



Team Introduction



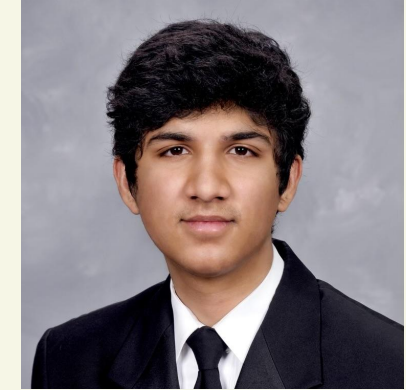
Shreya Nakka

Backend, Database, API
Documentation, Visualizations



Aaron Kulkarni

AWS, Docker, Database,
Hosting, Backend



Rohit Chawla

Frontend, About Page



John Smith

Frontend (search, highlight),
Database, Documentation



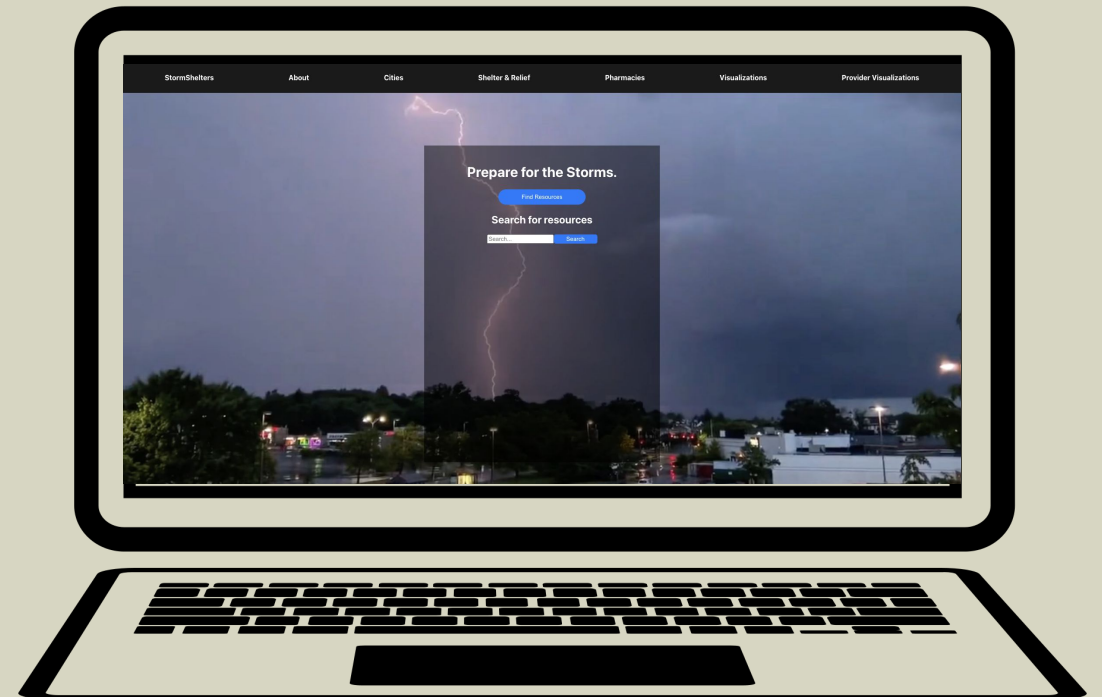
Adriana Reyes

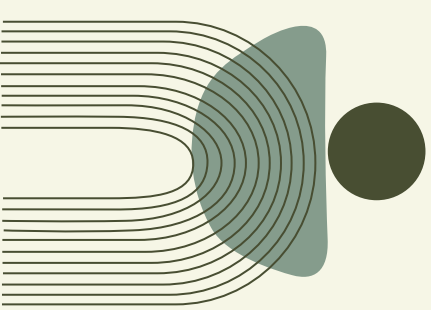
UI, Frontend, converting to
React



Demo

Navigate, Search, Visualizations





Self Critique



What did we do well?

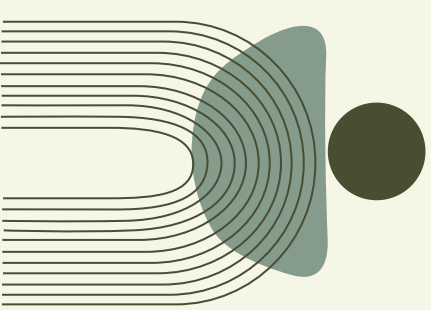
- Completing all required components
- Learning
- Communication

What did we learn?

- New technologies (React, SQLAlchemy, AWS, Flask)
- Leadership and teamwork skills
- Better proficiency interfacing with & designing APIs

What did we teach each other?

- Backend design: how to design an effective database and API
- React components, JavaScript functional programming



Self Critique

What can we do better?

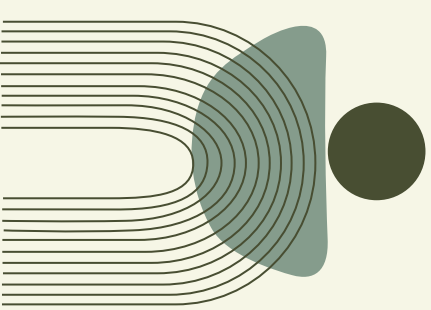
- Internal deadlines
- More data on instance pages
- UI/Aesthetic
- Code commenting & flexible design
- More communication

Peer Reviews

- Helped keep us accountable to each other
- Allowed us to gauge how well we were collaborating & communicating

What puzzles us?

- AWS & GitLab pipelines were difficult to configure
- Selenium frontend tests
- Finding media APIs with relevant, reliable and high-quality results



Provider Critique



What did they well?

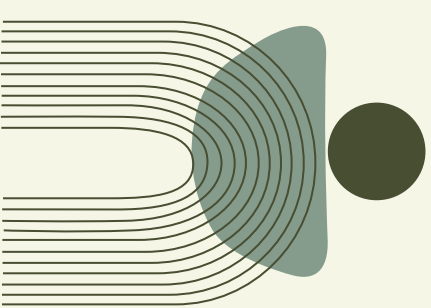
- Technical report was very thorough
- UI clean, easy to use, and responsive
- Data was well-varied
- Filtering implemented logically

How effective was their API?

- Metadata (i.e count of results of a query) was helpful
- Clear documentation
- Provided useful endpoints & querying for granular searching/sorting

User Stories

- Responded with comments in a timely manner
- Implemented some & had reasons to not implement others



Provider Critique



What did we learn?

- The degree to which hypertension affects NYC residents
- Various opportunities to diagnose and get treated for hypertension

What can they do better?

- Include more interactive media (i.e video, map)
- Incorporate more intriguing images
- Ensure all data fields are well-formatted and filled in

What puzzles us?

- Some confusing terminology (FIPS Code, NTA Code)



Thank you!

Questions?