MICHIGAN STATE
U N I V E R S I T Y

Alpha Presentation
Public Opinions on Nuclear Energy from Social Media

The Capstone Experience

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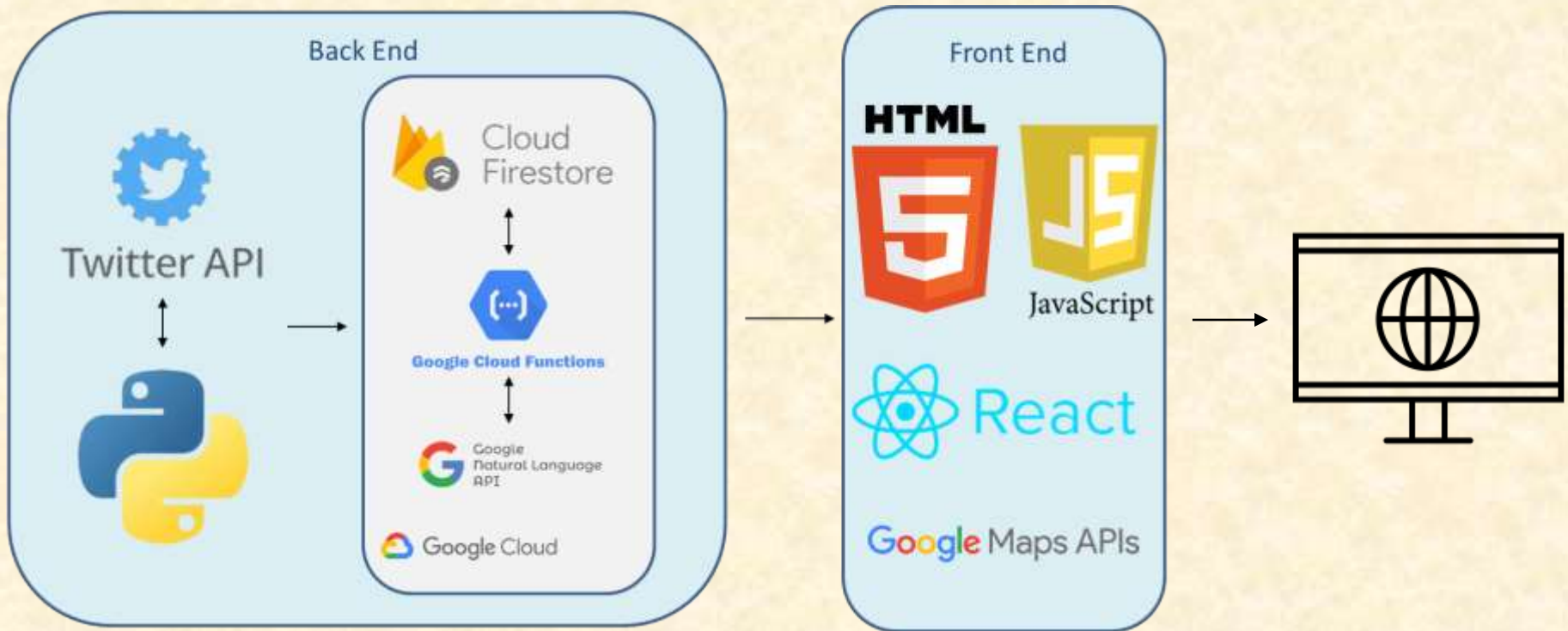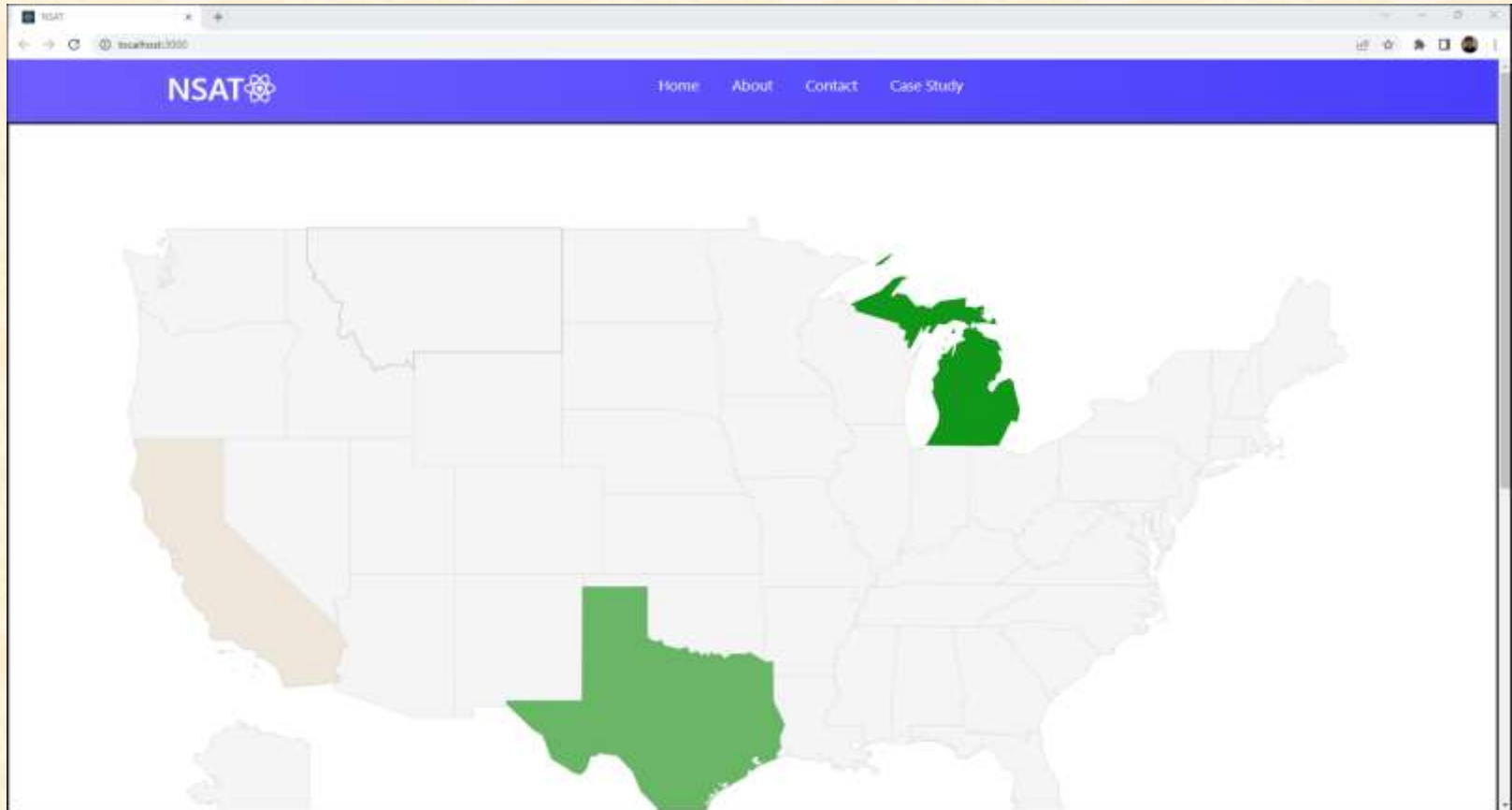Michigan State University

Fall 2022

Project Overview

- Anthropocene Institute is a climate-driven think tank

- Public division and misinformation regarding nuclear energy present challenge to Anthropocene Institute

- Develop a web application to visualize social media sentiments regarding nuclear energy
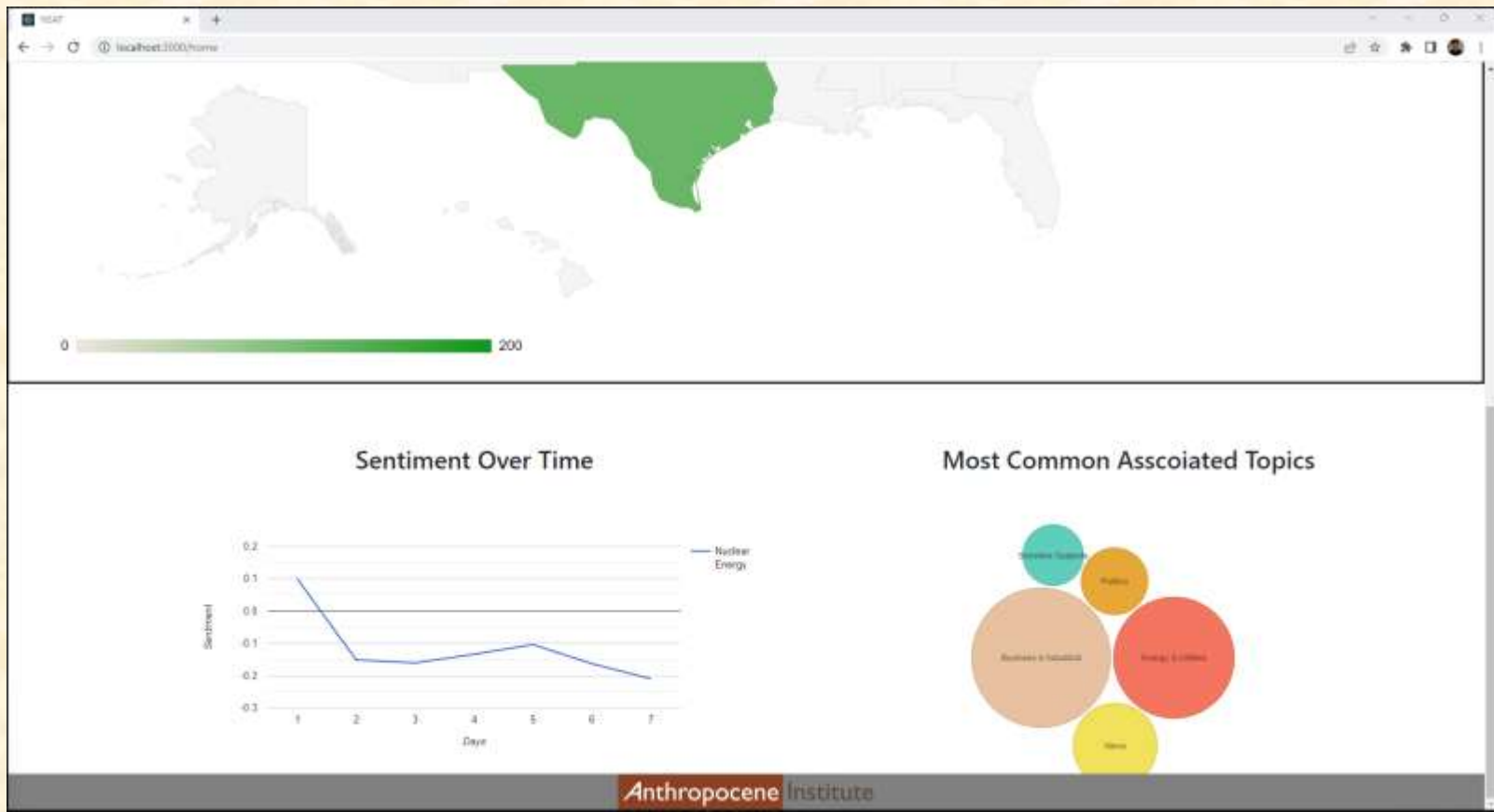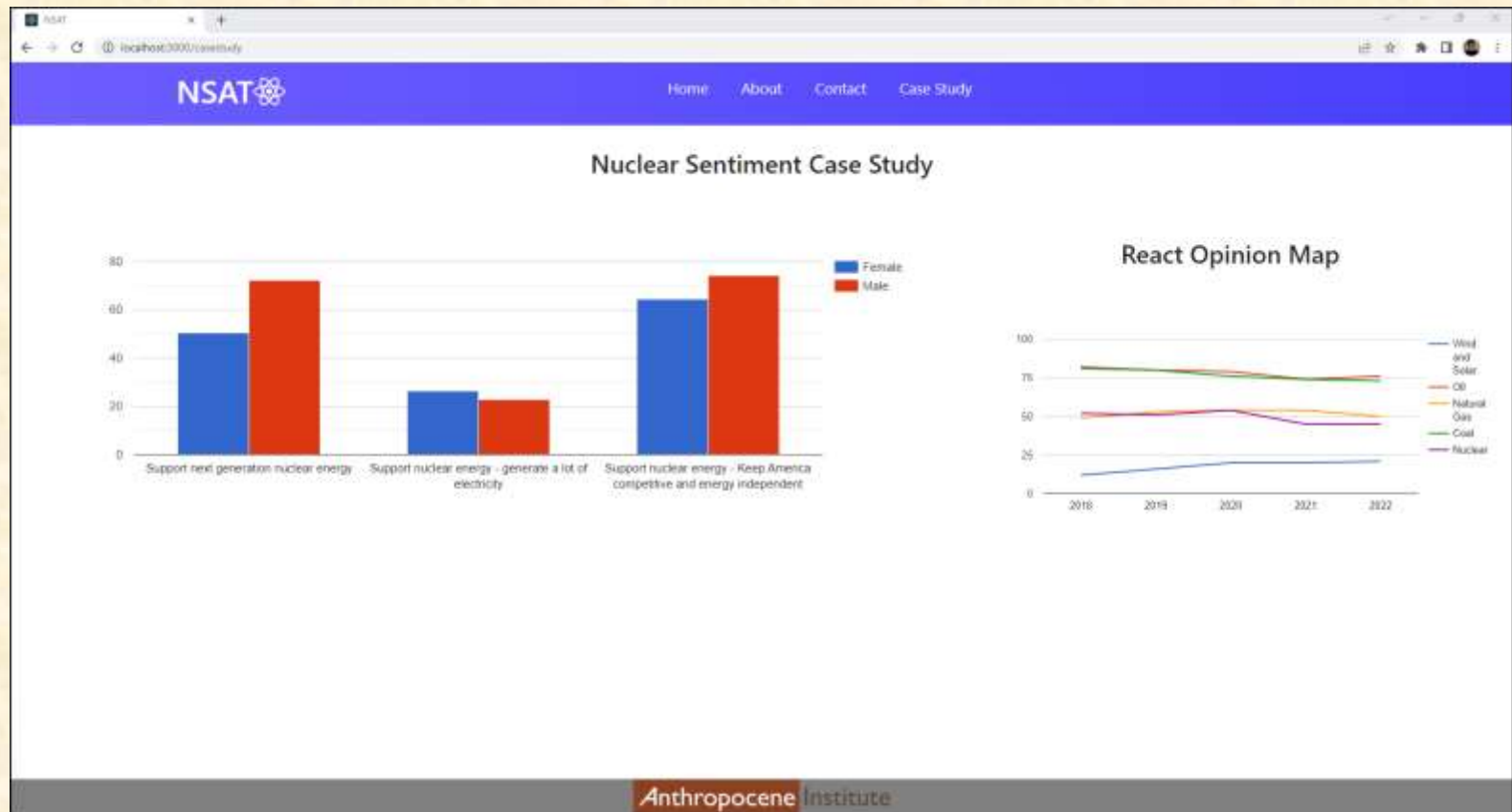
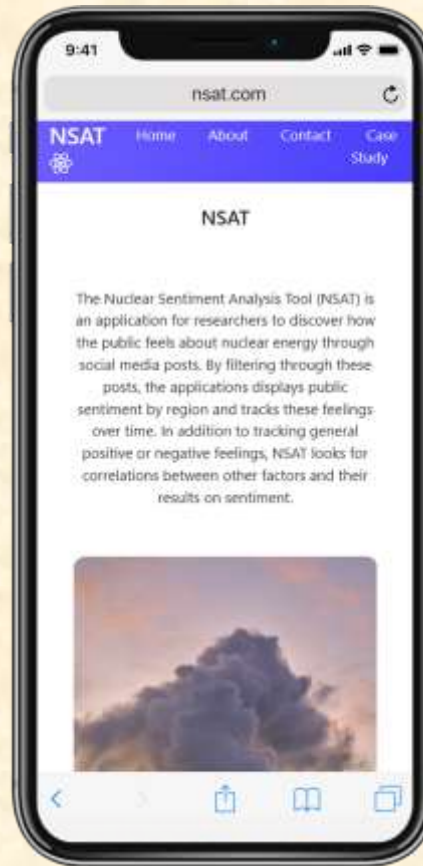# System Architecture

Sentiment map

Average Sentiment and Topics

Case Study

Mobile Interactivity

What's left to do?

- Polish front-end

- Collect and display live tweets

- Perform case study data analysis and display

- Perform correlation data analysis and display

- Improve sentiment and classification models

Questions?