CS375: Web and Mobile App Development Final Project



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In 2016, the Global **Literacy Survey** revealed significant gaps between the knowledge young adults currently hold about today's world, and what they should know to successfully navigate in it.

KEY POINTS

- 1,203 college-aged adults who attend or have attended a 2- or 4-year college in the United States were asked 75 questions about geography, recent foreign affairs, and economics
- 86% said they consider themselves at or above average in terms of knowledge about global affairs

THE RESULTS?



THE AVERAGE SCORE ON THE SURVEY WAS

55%

A **FAILING GRADE** BY MOST EDUCATIONAL STANDARDS



OUR SOLUTION?



A CONVENIENT WAY TO ACCESS WORLD NEWS



PANGEA as a Data Visualization Tool

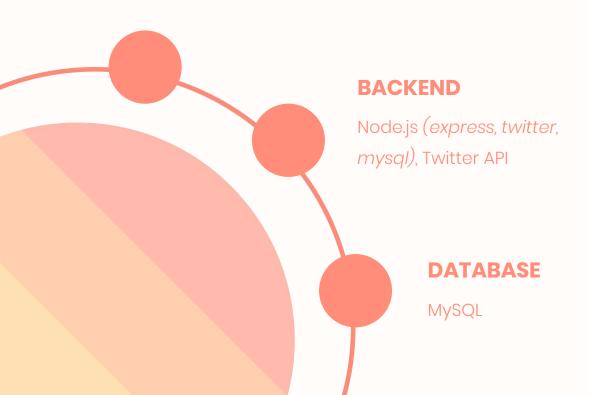
Pangea is a web application with a simple map interface where users can select a location on the map and observe the recents news and trends in that area.

PANGEA as a Learning Tool

The interactive display not only informs users of trends on a global scale, but also fosters a learning environment that promotes cultural awareness and a knowledge of geography, world demographics and foreign affairs.

FRONTEND

HTML, CSS, JavaScript, Mapbox API





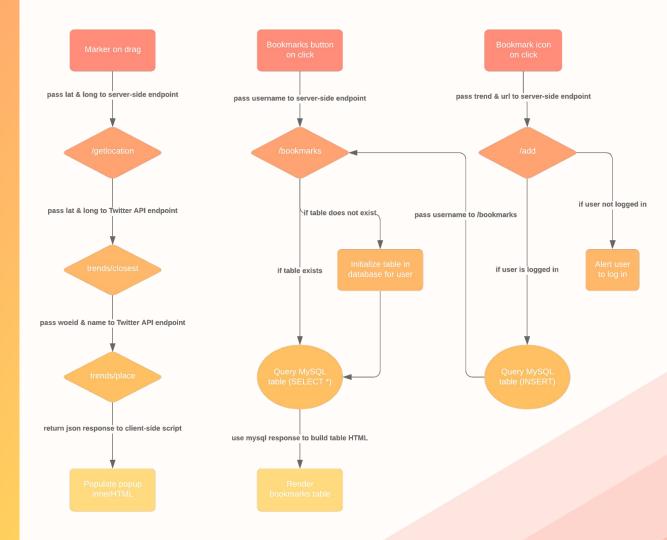
Development **WEEK 10 Timeline** WEEK 9 WEEK 8

Visualized website architecture and utilized Mapbox API to build simple frontend map interface

WEEK 7

Data Flow

GEO-based trends



What We Learned



Time Management

Communication

Teamwork

PANGEA THE WORLD AT A GLANCE