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Programming Paradigms Final Project Documentation

Vision Statement

Just because a country is never heard of in the media, it does not mean that we should disregard these countries completely. There are 195 countries in the world, and the United States of America is only one of them. In a world where communication, media, and connection are hyper-interconnected through technology, we should start offering our attention to unique places that exist. Flags represent the national pride of countries, and through it, this website seeks to not only raise awareness of less-seen flags, but also the beautiful country it represents.

Architecture
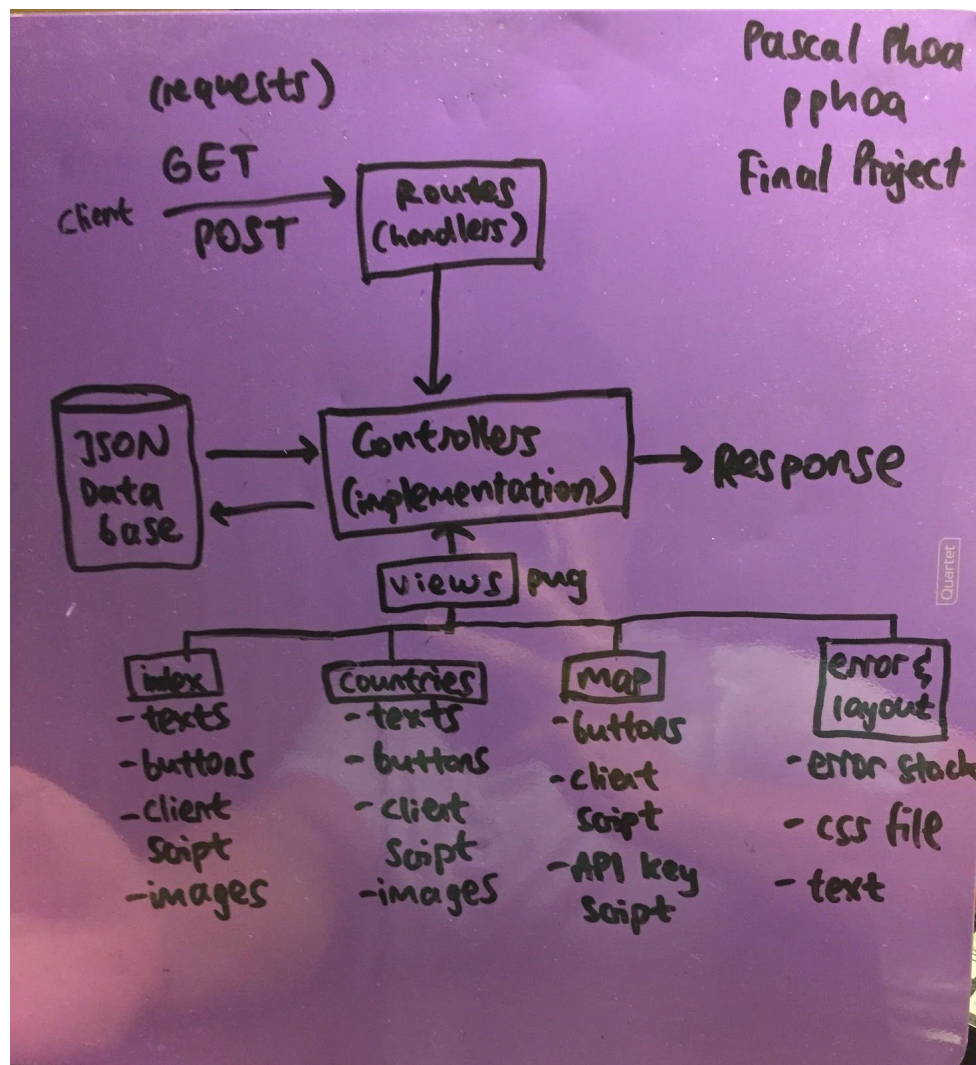
This is the homepage of the website. This page and other pages have a navigation bar that allows users to switch between pages by clicking on the boxes which links to the different pages. Users have the option to view four cool-looking flags and learn more about the country (eg. **Vanuatu**), compare all four flags side-to-side (**Compare**), or see where these countries are (**WorldMap**).

This is the **Vanuatu** page that displays its flag along with some information about what the country is known for. There is also a Like button that allows users to like the country/flag, and it increments the value up every time they click on the button. The likes initially start from 0, and in this snapshot, the user has clicked the Like button once which is why its value is 1 currently. The other countries have exactly the same layout to this page but have different facts and pictures.
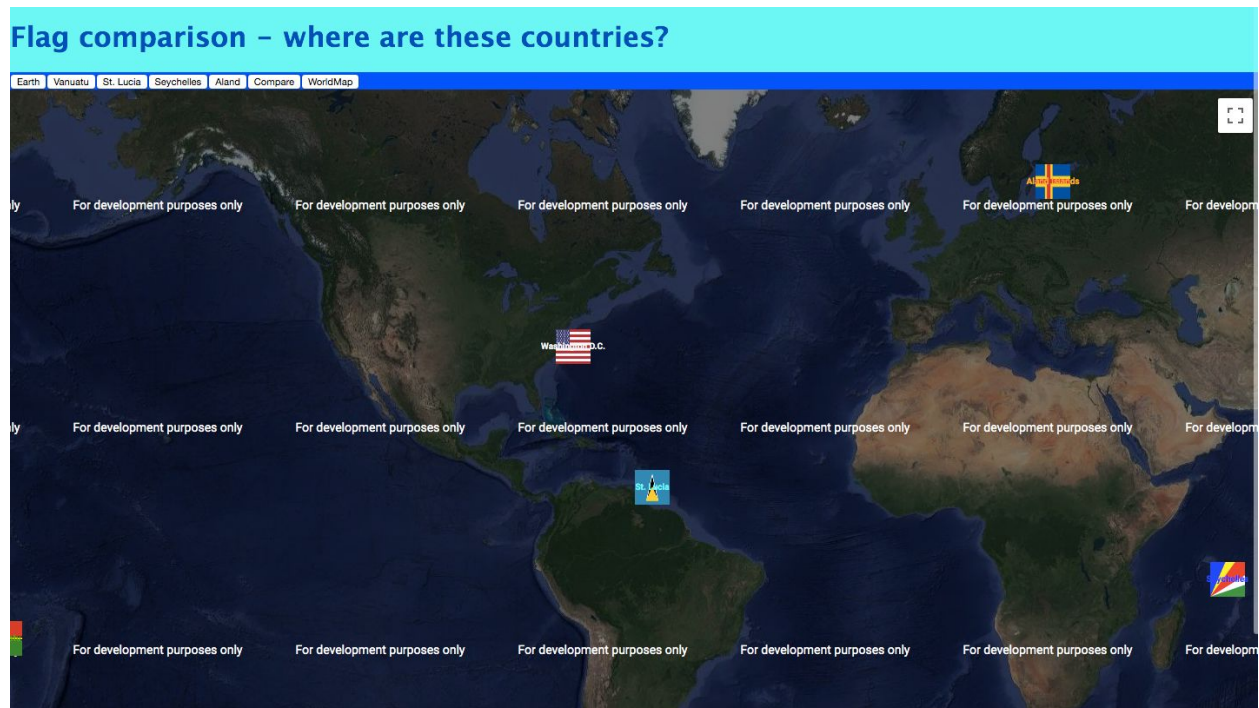
On the **WorldMap** page, users can see where each country is located on Earth. Each country's marker is represented by its flag. The initial view of the map is centered around Washington D.C., which is the capital of the United States as indicated by the United States flag. Another feature implemented is the bouncing of all these flag markers simultaneously upon clicking on the page initially. All of these features were made using Google Maps JavaScript API.

Sources

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