Voter Engagement App

Dustin Hotz
@dehotz on GitHub

Description

A tool for voters to assist in getting data about elections in an area and the respective candidates and issues. Allows users to enter address and see information about upcoming elections in the particular area, candidates, contact information, and recent news articles about those candidates.

Features

- Save users' address via cookie on their machine
- Return information about their candidates
- Return information about news articles related to their candidates

Planning - User Stories

- This project is motivated by a need for voters to be able to gather the information about their representatives, candidates, and issues in one place without having search across multiple sites.

- Useful for anyone who wants to keep informed about election issues in their area.

Planning - Database

Database with tables returning information about candidates and their contact information, social media profiles, etc.

Technology Stack

- Java
- Spring Boot
- Thymeleaf templates
- Bootstrap
- MySQL

Demo

What I Learned

- Making API requests to Google Civics API, and News API
- Handling a JSON object
- More about MySQL

What's Next

- Eventually integration with GoogleMaps might be useful
- Giving users' the option to setup email alerts for key news tags
- In app display of tweets from candidates