Political Preparedness Design Document

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Platform: Android
Devices: Pixel 4 (API 31) and Emulator (API 29)
RESTful API: Google Civic API: https://developers.google.com/civic-information/docs/using_api

Description

Using the provided outline from Udacity, we are to create an application based on the Google Civic Information API. This provides users with the ability to make apps based on political voting locations and information about the current politically held offices. Use of MVVM models to demonstrate the use of View Models and fragments with associating data stored locally on the device with Room.

User Interface and interactions
- Use of hardware Location to grab the user's address to provide local voting information and representative information.
- An area for elections to search and follow each individual election. Providing links to poll and voting information from outside sources
- Access to an area for representative information given a location through GPS or individually typed in fields.
- Motion Layout for ease of seeing more information on one screen given limitations of size.

Design