



Politi Pal

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Developer Guide

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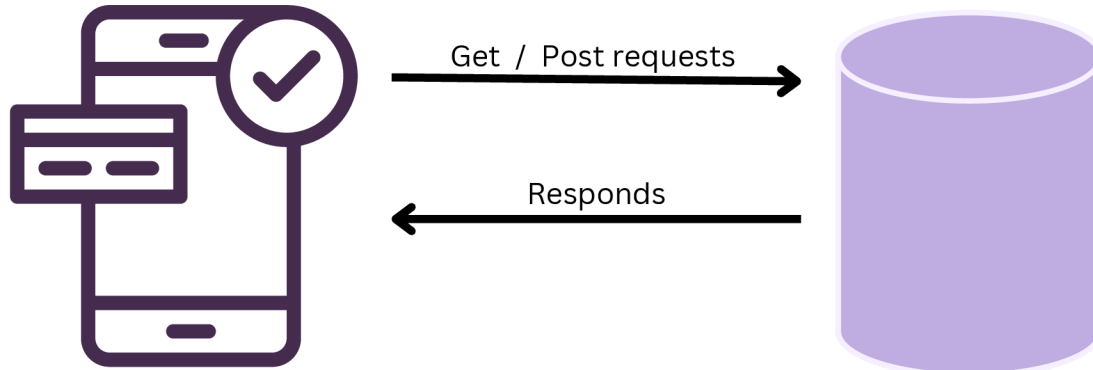
Abstract

This document describes and illustrates the development tools and components for engineers working on the Political Transparency App. It is important to have a detailed outline of the development side of the project so that each team member understands the tools and parts needed to work on this app. It will give a descriptive overview of the components, resources, tools, plans, and, supportive steps needed to contribute to the app.

The goal of this document is to get developers working on our political transparency app quickly and easily. This is so they can build an understanding of what is being worked on as well as how to set up tools and environments that will operate and run our application.



Project Components



| Mobile App Interface | API | Database |
|--|---|--|
| <p>We will be using Android Studio to build our web app. This is our user facing interface that will request information</p> | <p>We will use FAST API to construct communication between the database and application. Any large processing will be done here</p> | <p>The Cloud Firestore database will read / write hold mass amounts of information</p> |

This model is the overview of how our project will be constructed. The developers will use GitHub for version control and organization. We will use each of the development environments to work in their respective areas and employ things such as docker to control all of these in one place.

Documentation Resources

This section will provide hyperlinks to additional documentation that will outline the features, project scope, and overall design of Political Transparency App. If you experience issues accessing the files, please contact the email listed at the bottom of this developer guide.

Project Features List

Iterates every anticipated feature within the project. Describes the distinction between critical and unique features in Political Transparency App.

Link: [Project Features List File](#)

Project Requirements

States the fundamental functions in the project. Describes the stakeholder model, goal model, system vision, usage model, and use cases.

Link: [Project Requirements Specification File](#)

Project Design

Establishes the foundational activities expected in the project. Describes the class diagram, app map, and some activity diagrams.

Link: [Project Design File](#)

Project Tools

GitHub Desktop

Below is the direct link to a guide & installation link for GitHub Desktop:

Link: <https://docs.github.com/en/desktop/overview/getting-started-with-github-desktop>

Android Studio

Below is the direct link towards installing Android Studio:

Link: <https://developer.android.com/studio>

For more help, please refer to the installation [guide](#):

Cloud Firestore

Below is the direct link towards creating a project in Cloud Firestore:

Link: <https://console.firebase.google.com/?pli=1>

For more help, please refer to the quickstart [guide](#):

FastAPI

Below is the direct link towards installing FastAPI:

Link: <https://fastapi.tiangolo.com/#installation>

For more help, please refer to the [tutorial](#) page:

Project Development

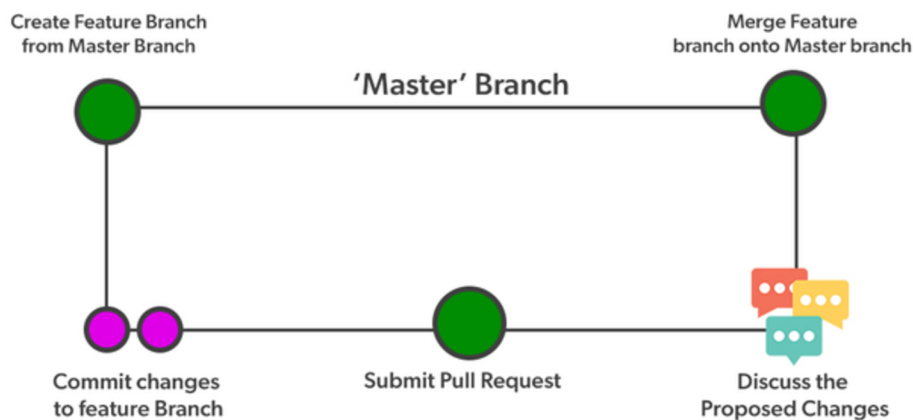
Contribution

Collaboration will be done using the following GitHub repository:
<https://github.com/Bonniellwhite/PoliticalTransparencyApp>

Please contact Bonnie White for access to the repository.

Development Process

Collaborators will work on features found on individual branches aside from the main branch. The branches will then be tested for bugs and once approved, will be merged to the main branch for other collaborators to access at will.



Developer Tools

For further support on the project, please contact any of the developers listed below:

Crystal Diaz: crystal.diaz02@student.csulb.edu

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Political Transparency App

Question & Information



N/A



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None