

Politisense

List each project member with student number (one per line)

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Project Description (max 1 page)

The project is a progressive web application that is aimed to engage the public in becoming more politically aware, as well as more politically active in Canada through three main principles:

Accountability: The progressive web application will engage the user by asking them about their daily/long-term interests (e.g. Climate change, healthcare, public transport) from the drop down menu in their sign up page, as well as their residential address. From this information we will provide the user an interactive format where they will learn who their Federal member of parliament (MP) is, and what their voting record is based on the interests picked in the sign up page.

Data scraping from the Government of Canada's open data API will need to be done in order to achieve this.

Transparency: From the data presented in the User's dashboard they will be able to interact with the bills passed concerning their interests and the MP's track record/history with the topic at hand, including their platform. They will also see all the donations made to their campaigns from elections Canada.

Data gathering/filtering & analysis will be needed from the Parliament of Canada's website for this to be done as per the stakeholder's request.

Engagement & Participation: Through the data collected on the progressive web application itself, the stakeholder hopes to collect enough data to know the most common interests and concerns of the public is, and through the application suggest townhalls/meetups/events where users can meet other alike who share their concerns and engage their representatives.

Data gathering/analysis is needed on the backend of this to be accomplished.

Technology Stack: React/NodeJs/Firebase

Risk

In point form, describe the most important risk(s) and how you will mitigate it.

- **Data gathering:** This data is currently scattered and not centralized or organized in a fashion needed for this project, hence gathering enough data is a foreseeable risk.
Mitigation: Ensure from the beginning of the project that we create a centralized database that organizes this data based on the variables that we need, and rework the projects features based on the data that exists not what is missing.
- **Data analysis:** A lot of this data is ongoing, as bills are passed and shut down on a regular basis, hence the ability to stay up to date is a risk.
Mitigation: Create a simple method for administrators of this application to input new data, therefore new bills can be entered manually to ensure it is accurate and up to date.

Competition (max 1 page, min 3 competitors)

Search terms: political compass canada, political voting record Canada.

Number of pages examined: should be at least 25 links

You must examine describe the 3 most relevant competitors in a paragraph each answering the following:

Competitor 1 (must be clickable link to their homepage)

Describe what they offer

[Politics That Work](#)

- This company analyzes the controversial topics related to the general public. Topics such as internet freedom, education funding, health care etc. Moreover, it shows the votes that the legislators of the two main parties in the United States democrats and republicans stand for. This is done by using bar charts.

- Our web application will not only provide the user with the bills relevant to specific topics that the users are interested in, but, also the voting record history of the MPs. Furthermore, the application will provide users with the ability to suggest meetups and create events where users can meet with others that have similar interests to share their ideas and thoughts with possibilities to engage with their representatives.

[Political Compass](#)

- This company defines the parties that are running for elections based on their social and economic standings and principles by describing the orientation of the political party/candidate on two scales first (horizontal) between the far right and far left extremes representing the economic perspective, second (vertical), between the authoritarian and libertarian extremes representing the social positions of any party.
- Our application will engage users to be politically active and aware of political concerns by asking them about their interests and the topics they are mostly concerned about. The application will provide users with information about their MPs through their geographical location and it will show their MPs with their voting record based on their interests. The application will provide a table that enlists the votes (with/against) of the chosen MP regarding a specific topic. Thus, the users will vote based on their interests and the MPs' voting records which is considered the main objective of this project to create transparency in politics

[Open Parliament Canada](#)

- This company facilitates the users to browse through multiple main options related to the federal Canadian politics. These options include a section for the various parliament members, the latest and previous bills, and finally the debates between the opposite parliament's members regarding specific topics and bills.
- Our progressive web application will promote meetings and events that include free access to an open audience in order to increase the awareness of the public and help them to contribute in the issues related to the country's politics and hopefully allow the general public's opinion be more indulged.

Description of Customer and Company

Describe the company in max 1 paragraph. Provide a link to the company website.

Organization: Devbloc

- The proposed mission of the Social Innovation Catalyst is to stimulate the establishment and growth of technology-based start-up companies and other compatible businesses in relation to social enterprise and community building.
- By fulfilling this mission, the incubator would contribute to job creation, enhance equality of life, and attempt to merge the tech world with the non-profit sector.

Link: www.DevBloc.ca

Describe the customer's expertise in max 1 paragraph (you can also attach a CV or link to the customer's profile.)

Abdulla Daoud:

With an academic background in mathematics, statistics, cyber security, and political science, Abdulla Daoud leads DevBloc in its various roles to help strengthen the low-income and economically disadvantaged population in Canada. Abdulla Daoud believes this can be done by aiding them to work hand in hand with community members to build their own business and technologies.

Describe why the customer is interest in max 1 paragraph.

The stakeholder believes that their target communities are not politically aware or engaged, and strongly believes that this political awareness will lead to better policy changes that will aid all Canadians to be more in control of their futures and the economy.