



SMART VOTING

COMP 3059 - Presentation One
2021 October 12

Introductions





The Project Team

Stephen Davis

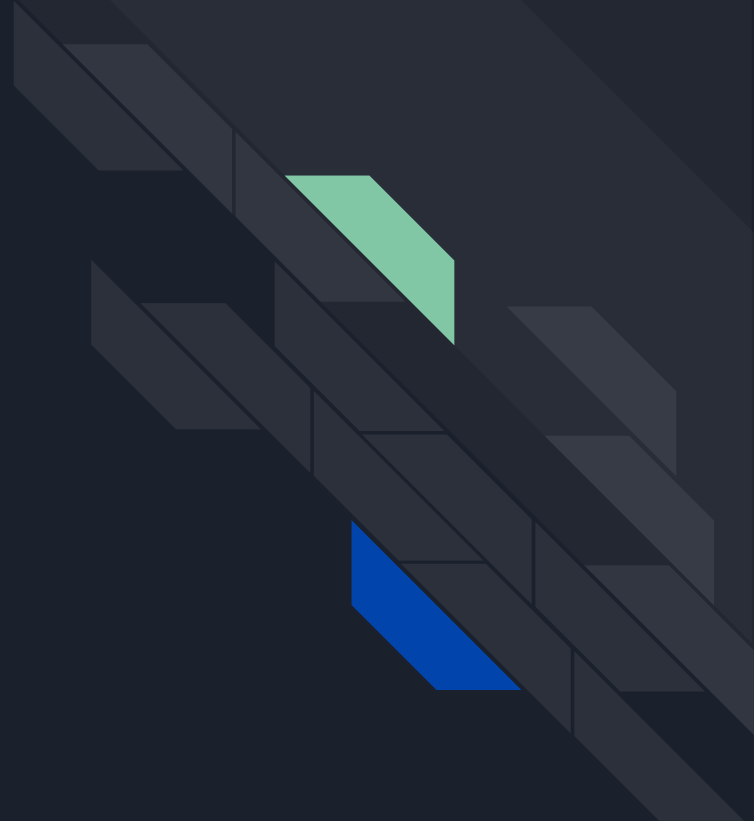
Matthew Campbell

Satabdi Sangma

Michael Sirna

Project Description

Stephen Davis





About Smart Voting

What is Smart Voting?

Smart Voting is an Online Digital Voting System.

- Utilizes Ledger Database.
- Allows officials to create and manage elections.
- Showcases candidate info and platforms.
- Provides analytics on election.

Project Vision

Matthew Campbell





The Problem Statement

The Problem:

Current in-person voting systems.

Affects:

Governments, political parties, the public and elections.

Impact:

Time and money of the government and citizens.

Solution:

Online Voting System.

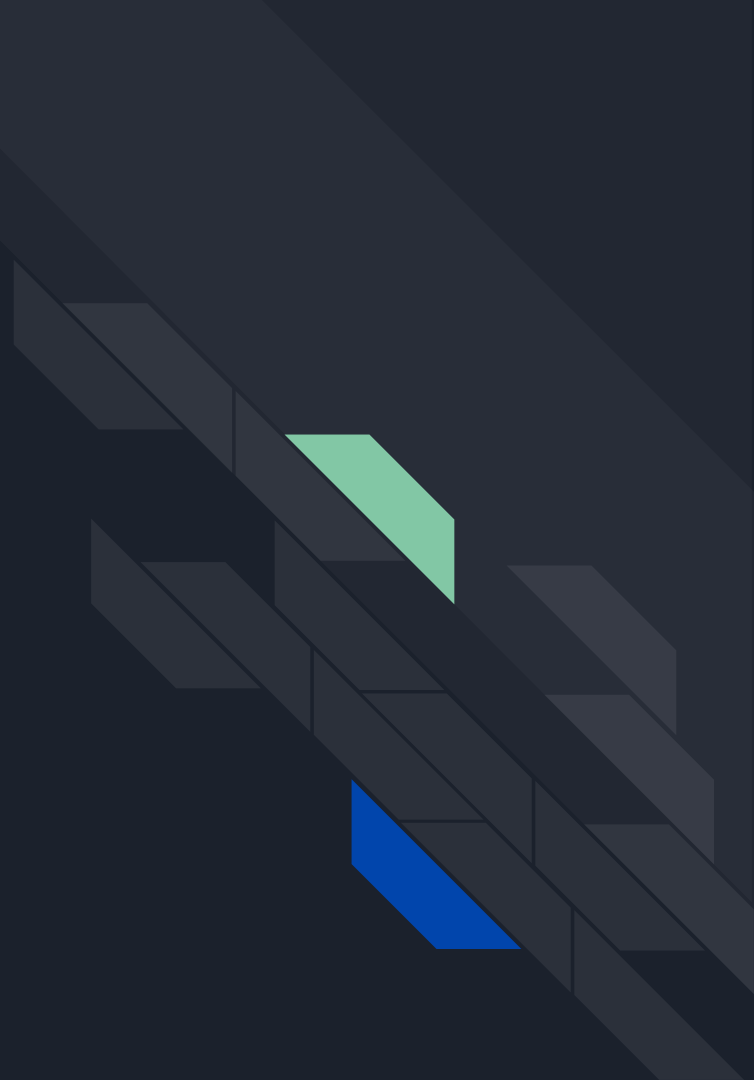


Some Assumptions

- Users have internet access
- Users have access to a device.
- Government is okay with implementing system.
- Smart Voting is meant as an *alternative* to voting.

High Level Requirements

Satabdi Sangma





Users

Political Parties:

- Lists official party policies
- Displays a complete list of candidates for the party
- Create and manage candidate profiles

Political Candidates:

- Lists personal commitments to the people of their riding
- Post social updates on what they are doing

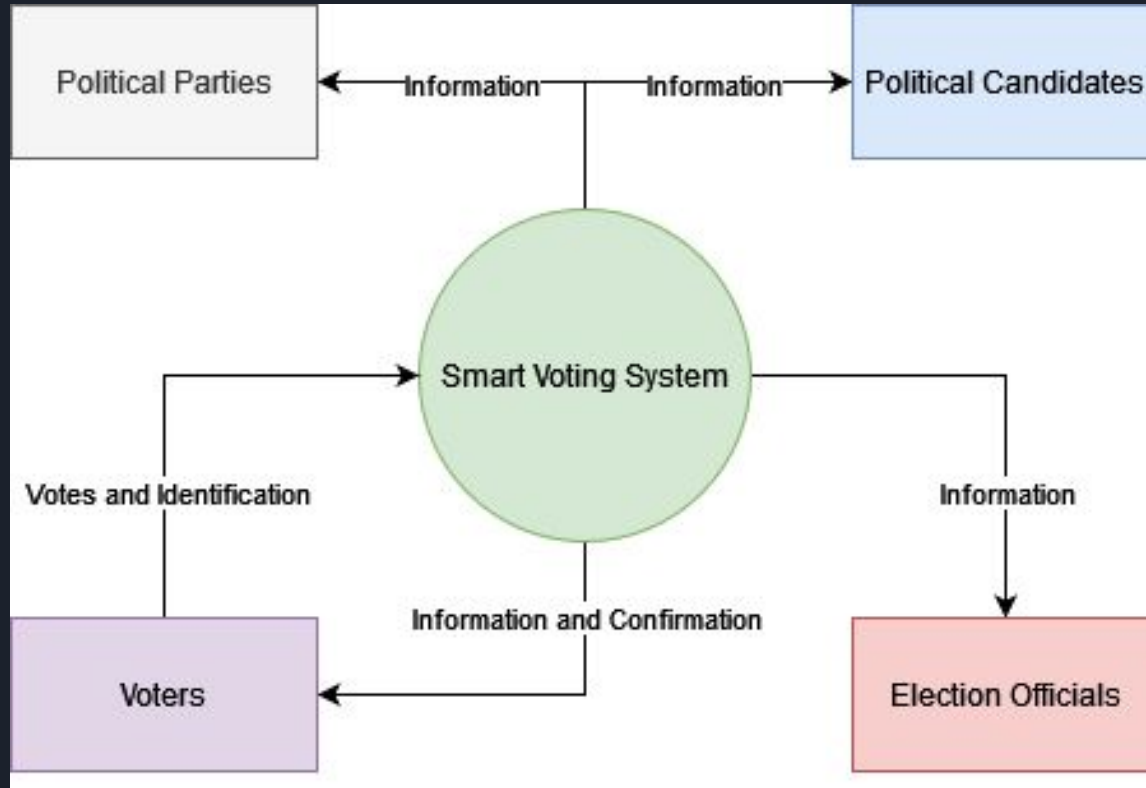
Election Officials:

- Create and manage elections
- Set voting times based on time zone
- Verify and post official results
- Generate voter id cards
- Create and manage party accounts

Voters:

- Use as a beneficial data source on political candidates and parties.
- Create a private profile that allows profile data retention and saved states
- Use issued Id Cards to cast ballots through the system at their own comfort

Business Context



Project Plan

Michael Sirna





Risk Management

Cyber Attacks

- DDOS Attacks
- General Hacking
- Cloud Service Failure
- SQL Injection Attacks
- Vulnerable Coding Packages
- Broken Access Control

Other Possible Risks

- Person Hours
- Knowledge Level

Thank You

