



**SECURIT**

# Basic Details of the Team and Project Details

Team Name: CRE8TIVES

Team Leader Name: Swara

Institute Name: Ramaiah Institute of Technology

Project/theme Name: Election Transparency App



# Abstract of the project

## Topic Description:

### Introducing VoteHub: Empowering Common People in Elections

- Candidate Information:
  - Comprehensive profiles of candidates.
  - Biographies, platforms, endorsements, and campaign details provided.
- Polling Location Lookup:
  - Find polling place easily via address or geolocation.
  - Information on polling hours, accessibility, and directions included.
- Ballot Information:
  - Customized sample ballots for each voting district.
  - Displays all races, candidates, measures, and propositions.



# Idea/Approach Details

We're in the early stages of crafting an Election Transparency App. Our plan involves integrating AI functionalities and geolocation services to enhance voter accessibility and engagement.

## Tech Stack

- AI for candidate profiling: Utilize **spaCy** for named entity recognition.
- Express.js for APIs.
- Geolocation services: Integrate **Google Maps API** for address translation.
- **Flutter**: Employ for cross-platform mobile app development.
- **Node.js** for backend: Leverage for scalable server-side logic.

# USE CASES

1. Getting to Know Candidates:
  - Easily access candidates' backgrounds, priorities, and endorsements.
  - Understand candidates' stances on key issues.
2. Finding Their Voting Spot:
  - Quickly locate their voting place by address or geolocation.
  - Know voting hours and get directions effortlessly.
3. Seeing Their Ballot:
  - View a sample ballot for their area.
  - Understand upcoming election choices easily.
4. Staying Informed:
  - Get unbiased info about candidates and ballot measures.
  - Make informed decisions for their community.
5. Making Voting Easier:
  - Access all election info in one place.
  - Feel confident and empowered to vote.

# DEPENDENCIES

## Dependencies:

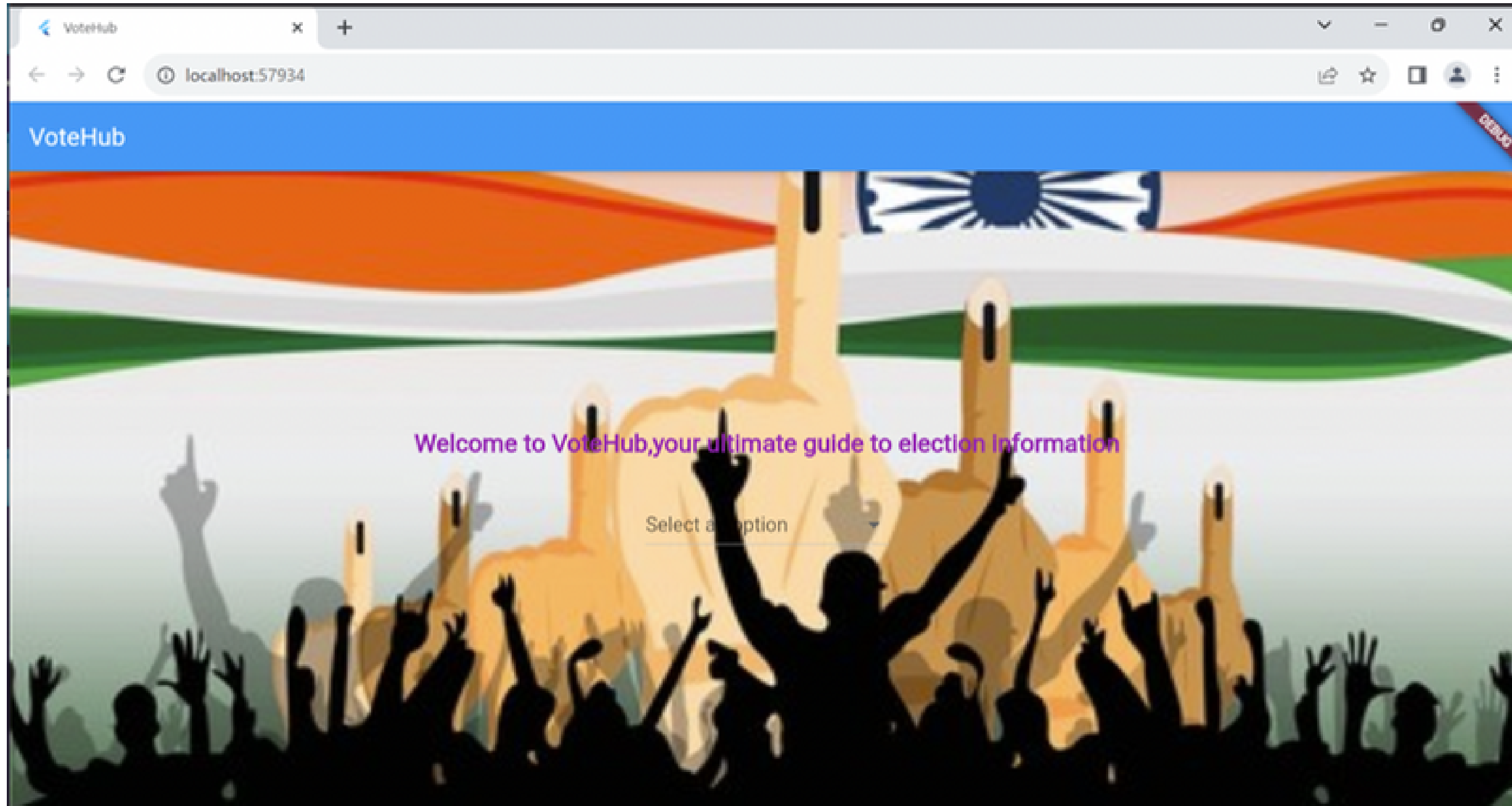
1. **React.js** for frontend.
2. **Node.js** for backend.
3. **Express.js** for APIs.
4. **MongoDB** for data storage.
5. **Google Maps API** for geolocation.
6. **spaCy** for NLP.
7. **Flutter** for mobile app (if applicable).



## SHOW STOPPER

- **Critical failure of MongoDB or Google Maps API.**
- **Incompatibility issues with essential dependencies.**
- **Unexpected changes in API or library versions.**

# Our APP in the making



# Team Member Details

## Team Leader

**Name: SWARA SAMEER PAWANEKAR**

Branch :AIML      Stream : CSE    Year :II

## Team Member 1

**Name: NAVAMI KARADIGUDDA**

Branch :AIML      Stream : CSE      Year : II

## Team Member 2 Name: JUBI PATOR

Branch :AIML      Stream : CSE      Year : II