MINI PROJECT

(2019-20)

ELECTION VOTING PORTAL

MID TERM REPORT

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ACKNOWLEDGEMENT

It is our pleasure to acknowledge the assistance of a number of people without whose help this project would not have been possible. First and foremost, We would like to express our gratitude to **Mr. Sharad Gupta**, Assistant professor of department CEA, our project guide for providing invaluable encouragement, guidance and assistance.

We would like to thank the group member for the operation extended to us thought out the project. After doing this project we can confidently say that this experience has not only enriched us with technical knowledge but also has unparsed the maturity of thought and vision. The attributes required being a successful professional.

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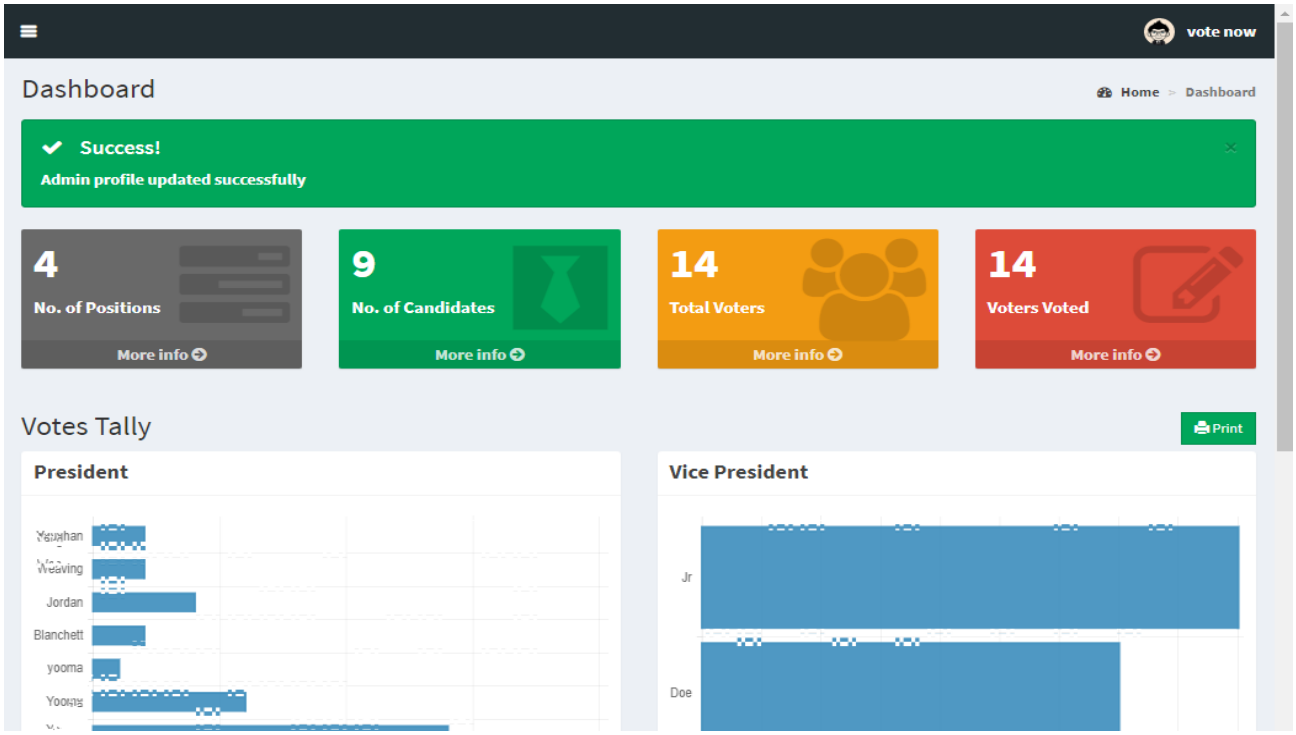
PROJECT DESCRIPTION

(Election Voting Portal)

Election Voting Portal is a computer technology based on web server. In case of current Election System the voting is manual. People go to the Polling booths allocated by the Election Commission of India in every area.

Online Election System would have Candidate registration. Admin Login which will be handled by Election Commission .Candidate Login which will be handled By Candidate, Voters will get Unique ID and Password, Using which they can vote for a Candidate only once per Election.

The project is beneficial for Election Commission, Voters as the can get to know the candidate background and choose wisely. The software system allows the Candidate to login in to their profiles and upload all their details including their previous milestone onto the system. The admin can check each Candidate details and verify the documents, only after verifying Candidate's ID and Password will be generated.



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1. Introduction

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REQUIREMENT:

Hardware Requirement:

1) Computer system with minimum 8GB RAM
2) 10 GB of available disk space minimum
3) Camera
4) 1280x800 minimum screen resolution

Software Requirement:

1) Visual Studio Code
2) Notepad++
3) Sublime Text Editor

i) Operating System: Windows 10

2. Problem Statement

- The main purpose of this study is some people hesitate to vote due to weather conditions in different areas during the election, youngsters of age group 18 – 24 having no charm to cast the vote.

2.1 Existing System

The government to do this process manually wastes a lot of time and money. Thus the present system proves itself to be an inefficient one. The existing system is not web based. The user or person must want to go to the polling station for casting their votes.

3. Research and challenges

- During the campaign season, candidates build huge databases of voters, run internal polls, vet and process policies, messaging, and positions, analyse potential voter feedback, and solicit and manage contributions.

- Election campaigns are a goldmine of information for opposing candidates, the security challenge faced by campaigns is sometimes referred to as the weakest link model.

- In addition to the sorts of challenges add things like spoofing votes and voters, denial of service attacks, voter phishing sites, fraud, redirecting or intercepting votes, and attacks on data centers.

4. Implementation Details

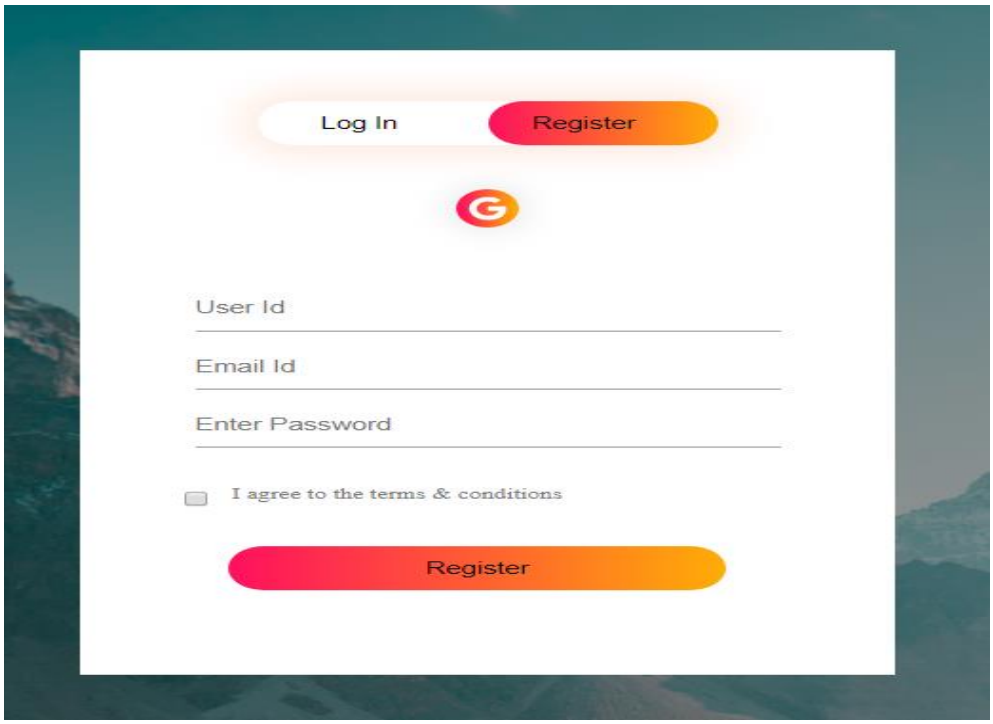
The system was developed as an interactive mechanism between the user at the interface and the database using the web-browser. This tool enables a user through a web browser to interact with the MYSQL database to enter, edit, view and retrieve such data as per the privileges granted. HTML forms offer the best layout to enter data, change and view the database.

4.1. Front End

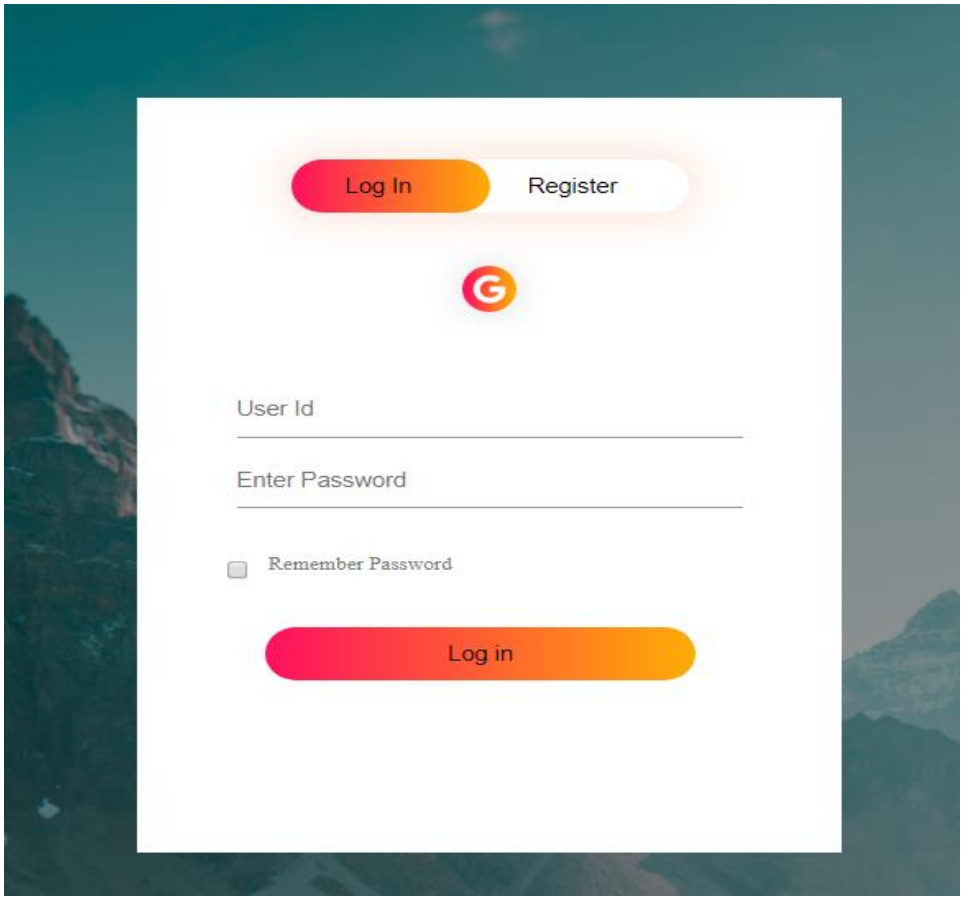
The interfaces and forms created include the following

1. **The Home Page/User Login Page**

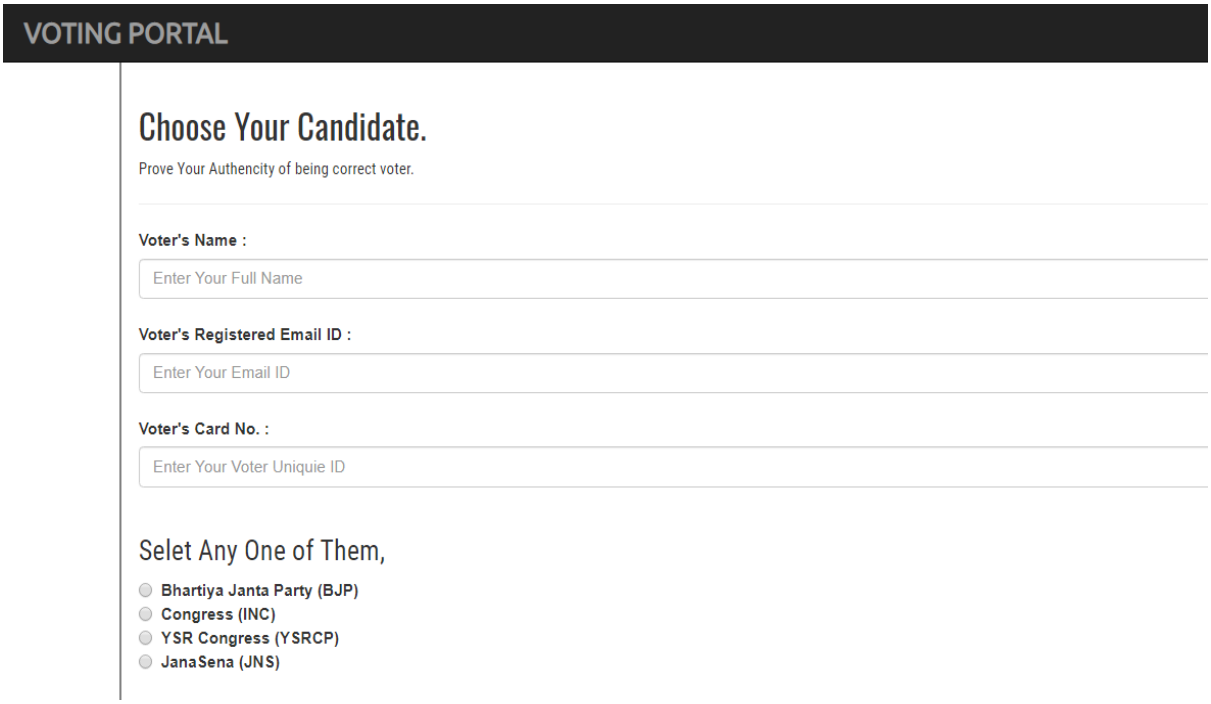
2. The Candidate Registration form Page



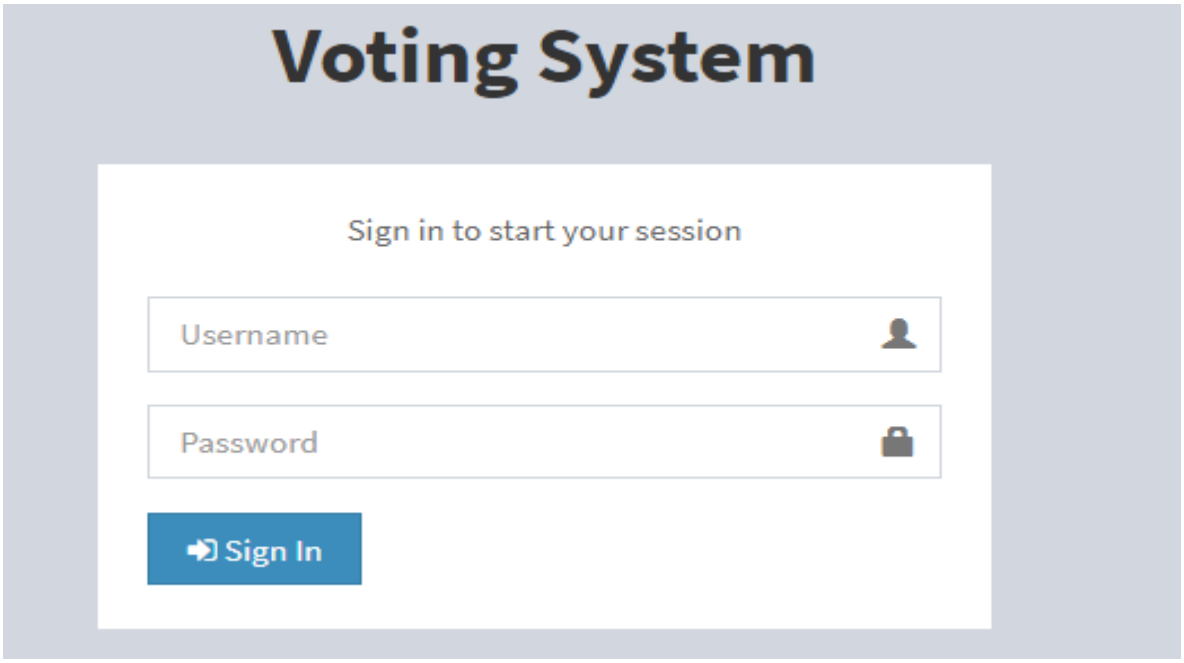
3. Login Page



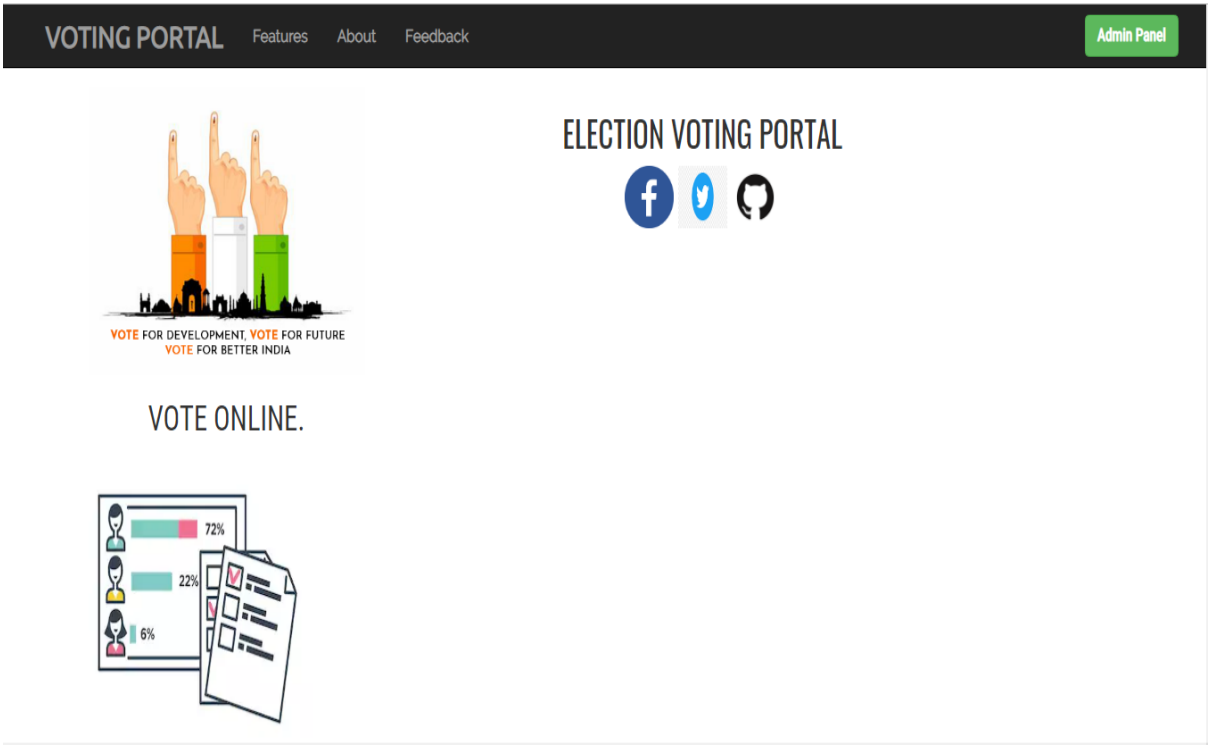
4. Voting Page



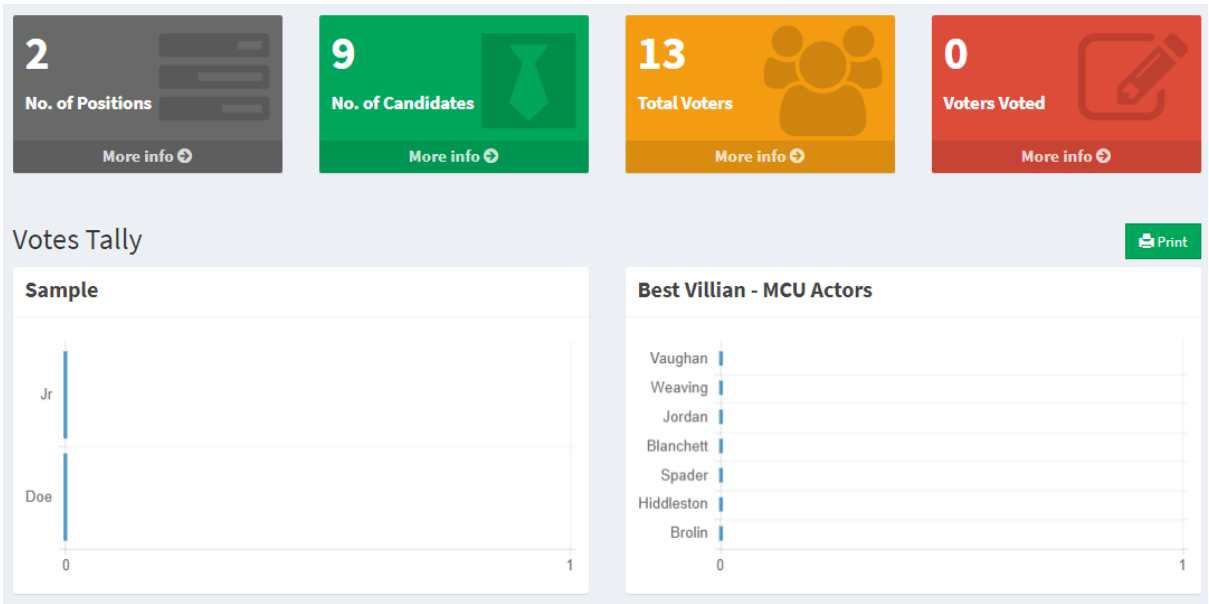
5. Admin Login Page



6. Admin Home Page

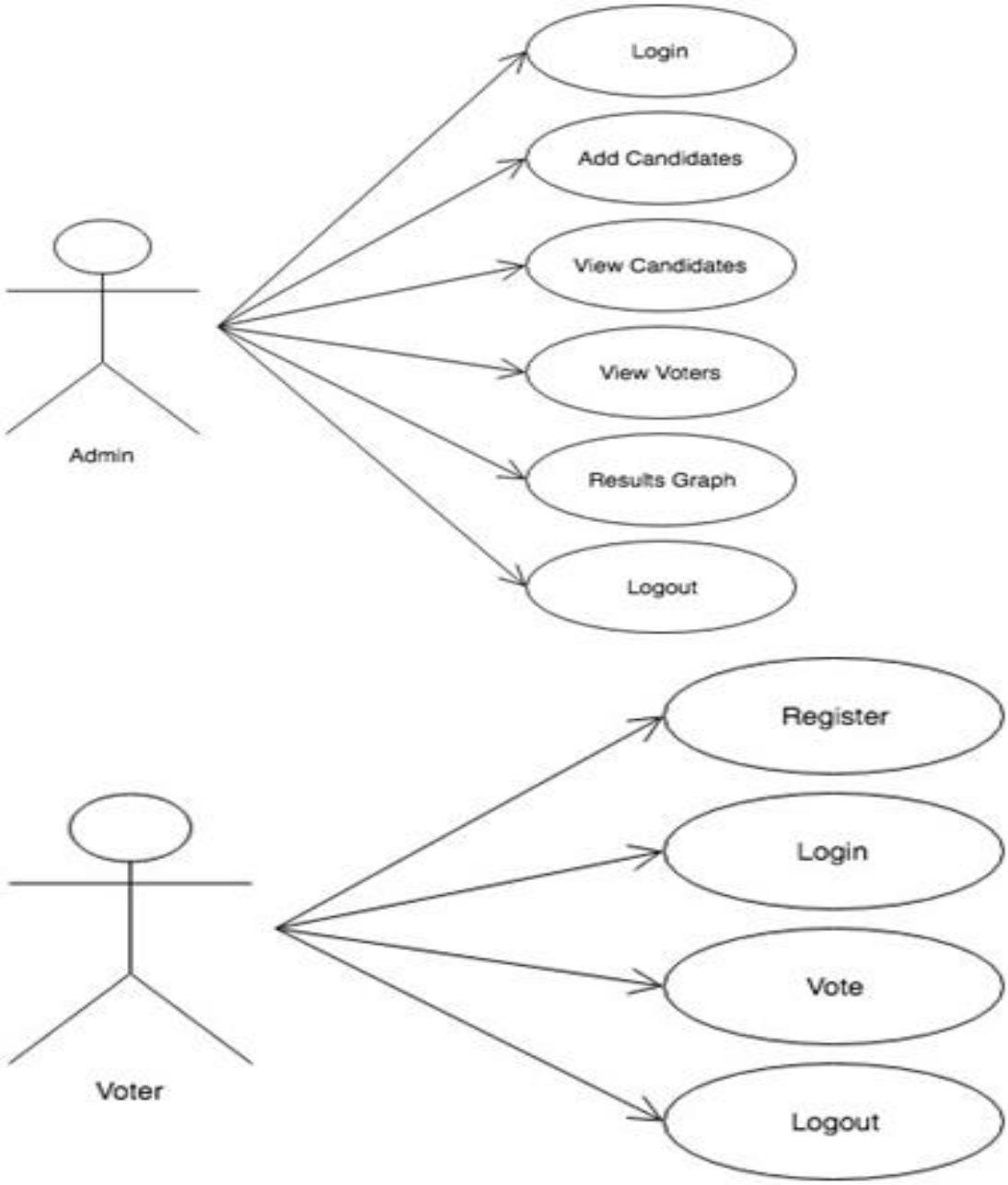


7. The Result Page

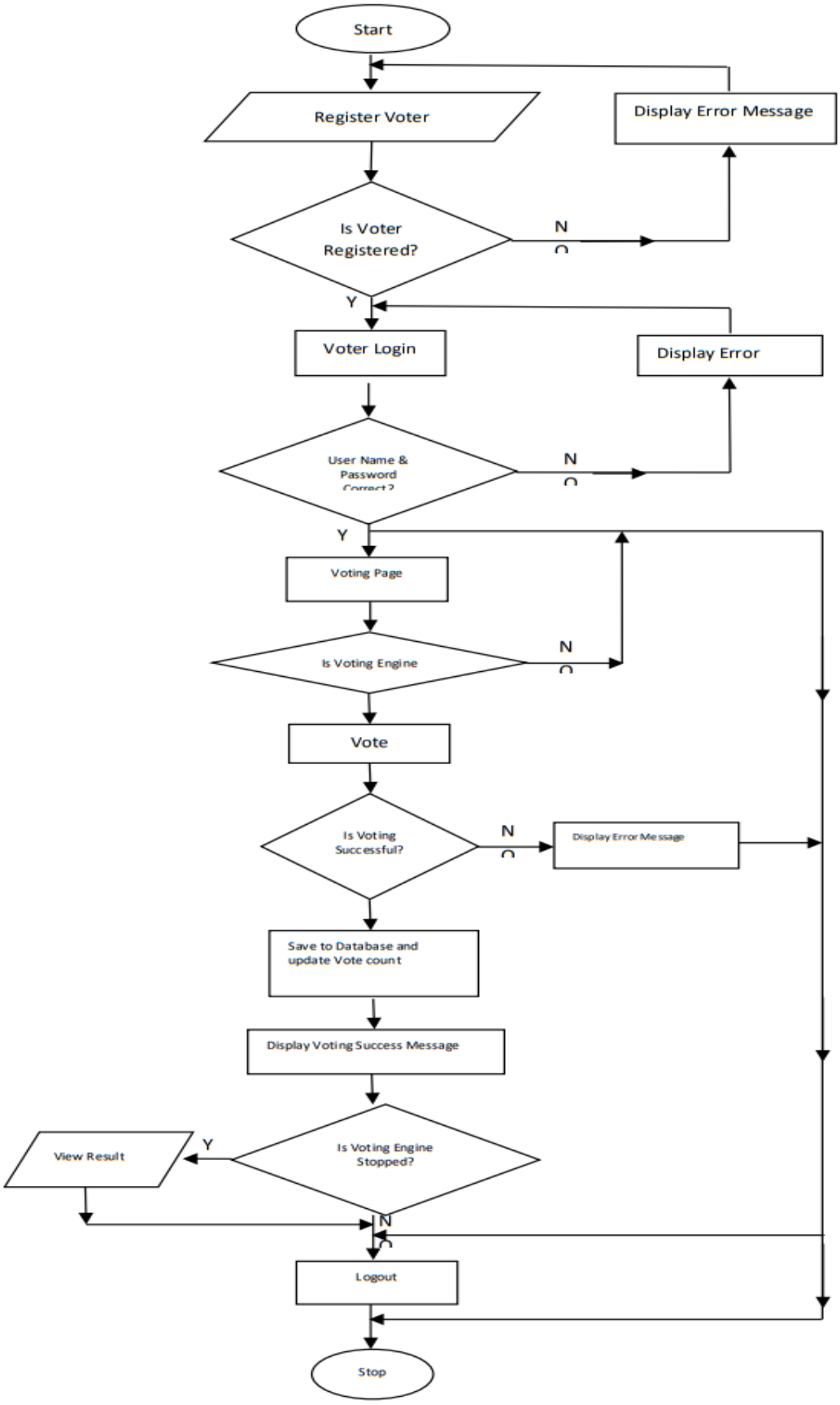


5. Data Flow Diagram

5.1 Use Case diagram



5.2 Flow Chart



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2) www.udemy.com
3) www.javatpoint.com
4) www.youtube.com
5) www.w3school.com

Book References:

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2) Learning MySQL by Robin Nixon
3) HTML 5 by DT Editorial