A

Synopsis

on

Online Voting System

Submitted by

Group. No. 10

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September' 2022

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1. Introduction

- Online Voting System is an online voting technique.

- In this system people who have citizenship of INDIA and whose age is above 18 years of any [censored] can give his/her vote online without going to any polling booth.

- This project is designed to automate the voting system where multiple parties are added and process then with the maximum votes, a leader is chosen.

- The working of our system is that , he/she has to fill a registration form to register herself/ himself, all the entries are checked by the database which has already all information about the voter, if all the entries are correct then a USER ID and PASSWORD is given to the voter, by using id and password he/she can give a vote.

- So our main objective to build this system is to reduce the time and help the elders, disable persons to give the vote online.

Existing System

The Existing System of Election is running manually.

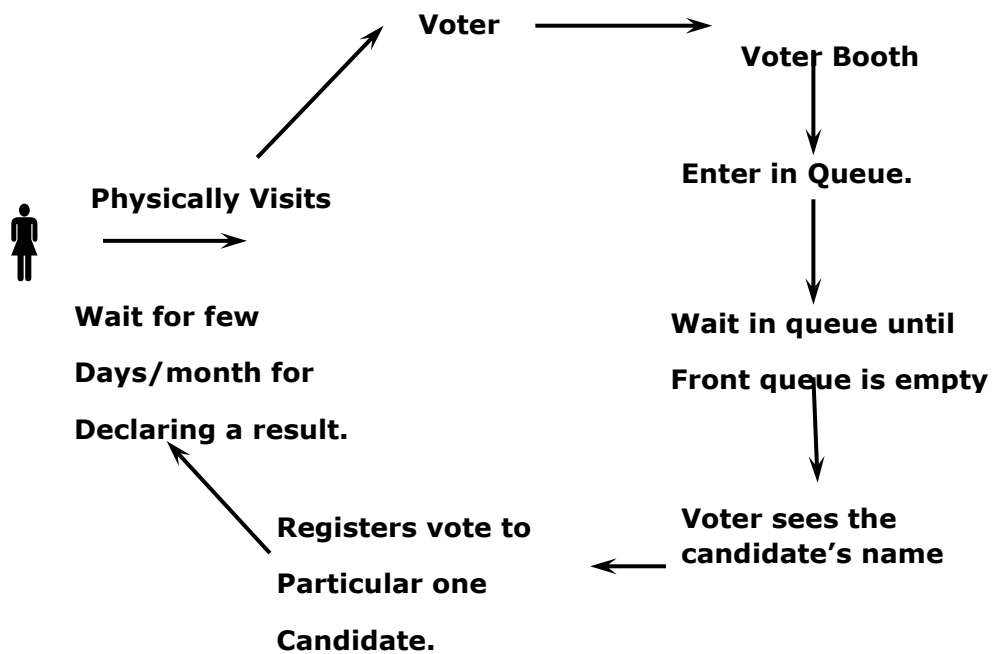The Voter has to Visit to Booths to Vote a Candidate so there is wastage of Time.

The Voter has to manually register into the Voter List. Also Vote counting has to be done manually.

All the Information of the Voter or Candidate is to be filling in manually.

Voter must be present in his/her Constituency to give his/her Vote.

There are Electronic Voting Machines used which Takes More Cost.

Manual Voting Process

Voter → Voter Booth

Physically Visits →

Enter in Queue.

Wait for few

Days/month for

Declaring a result.

Wait in queue until

Front queue is empty

Registers vote to

Particular one

Candidate.

Voter sees the
candidate's name

Need For the System

It was decided to Computerize the System in order to overcome the following problems:-

1. To increase the Voting Percentage.
2. To make Voter easy to Vote from anywhere.
3. Time Wastage.
4. To avoid thing like Booth Capturing.

Scope of the System

The Scope of the System is as Follows:

1. Voter can Vote from any where for his/her Constituency.
2. Vote count will make easy and fast.
3. No any Vote will be rejected.

Goals of the System

Goals of the System are as Follows:

1. It Maintains all The Information of all the Candidates and Votes.
2. It checks Voter have Voted or Not.
3. You can see All the Information Related to any Voting System Online.
4. It Increase the Voting Percentage.
5. Finally It makes Easy Voting by Avoiding problems like

- Security,
- Booth capturing.

The actual purpose of going for this system is to make the organizational process to get speed up.

2. <u>Hardware Requirement</u>

- System : Pentium i3 Processor
- Hard Disk : 500 GB minimum
- Monitor : 15'' LED
- Input Devices : Keyboard, Mouse
- Ram : 2 GB

3. <u>SOFTWARE REQUIREMENTS</u>

- Windows 7/8/10(32- bit or 64-bit)

- ANDROID STUDIO

- 4GB RAM Minimum

- Processor i3 or i5

<u>Technology used</u>

JAVA

4. <u>Modules Descriptions</u>

Admin Module :
This module has to maintain the information of the candidate and shows the details of the candidate. And also maintains the records of the party and the candidate.

Add Elections
Description: This module the admin can able to create new elections. The elections will be set with the date and so after that date the voters can not able to vote to that particular election.

Add Candidate
Description: This module the admin can able to add the candidates who are going to constitute in the particular election. First they need to select the name of the election, then add candidate name, Party name, Address, Contact number, Photo etc. Once these added, then the voter can able to see the candidate details in their login.

View voter and approve Voters:
Description: In this sub module we can view the entire details of the voters coming from the users who are registered. The admin can able to verify and approve or reject it accordingly. Once the admin approves it, then the user can login

View the vote and results:
Description: In this sub module we can get the results of the election i.e who had won the election with how many votes.

Voter Module :
This allows user to vote for the respective candidate and allows the user to view the candidate details, allows user to view the details of the respective person he voted for.

Voter Registration:
Description: In this sub module the voter register themselves by add the details such as Name, Date of birth, email id, gender, Phone Number, address, password. Once the voter registers, then the admin should view it and approve it, then only the voter can able to vote in the election. The voter can only login if the admin approves it or else the voter cannot login if the admin rejects.

View Candidate details:
Description: In this sub module we can view the details of the candidates who constitute in the election with their photo, party details etc.

Vote:Description: In this sub module we can register our vote. Once the user has registered his vote then again he is not allowed to vote again i.e. only one user can vote only at one time.

5. <u>CONCLUSION</u>

The objective of the VOTING SOFTWARE is to provide better information for the users

- Of this system easily they can vote from anywhere without facing any difficulty.

- The proposed system does not require any physical presence during vote polling or counting.

So it is very easy to conduct elections even during the pandemic situations without any spread of disease or human live losses.

- The proposed system has good authentication so only authorized person can able to vote and also cannot vote multiple types.

- Vote Counting can be made very quickly and results will be displayed in few minutes.

Gantt chart

TASK 1 Code creation		
TASK 2 Functional testing		
TASK 3 Performance testing		
TASK 4 Beta user tests & feedback		
TASK 5 Deploy code update		

0 days   5 days   10 days   15 days   20 days   25 days   30 days