SYNOPSIS

ON

E- VOTING WEBSITE

Submitted By:

Archi Agarwal (Sec: C)(2115000194)

Ashmit Garg (Sec:C)(2215990015)

Hemant Kumar (Sec:I)(2215990030)

Rhythm Chaurasia (Sec:I)(2215990049)

Submitted To:

Prof. Sanjay Madan

(Technical Trainer)

(CEA Department)

Objective:

The objectives for an e-voting website are to establish a secure, efficient, and accessible platform for conducting electronic voting in various democratic processes. These objectives aim to enhance the electoral system by leveraging technology to make voting more convenient and inclusive while maintaining the integrity and transparency of the process.

Make voting more accessible to a wider range of eligible voters, including those with disabilities or those who may have difficulty reaching physical polling stations.

Provide voters with a convenient and user-friendly digital platform that allows them to cast their votes from anywhere with an internet connection, reducing the need for long queues and travel to polling stations.

Over time, an e-voting system should be cost-effective, reducing the expenses associated with setting up and running physical polling stations.

Scope:

The scope of this project includes the development of the following:

- Website design and development
- Voter registration and authentication
- Ballot creation and submission
- Vote counting and reporting

Methodology:

We used HTML for making structural design of our project i.e e-voting website.

CSS is being used to make attractive/appealing site.

JavaScript and PHP is being used at backend to calculate number of votes per party.

Database server is used to store record of particular person who else is voting.

Proposed System:

In “E-Voting Website” a voter can use his\her voting right online without any difficulty. He\She has to fill a registration form to register himself\herself. All the entries is checked by the database which has already all information about the voter. If all the entries are correct then by using that ID and Password he\she can use his\her vote. If conditions are wrong then that entry will be discarded.

Also this website shows all the description about the parties and used to calculate the total number of votes.

Features:

1. User-friendly registration process.
2. Verification against official voter lists.
3. User verification against the voter database.
4. Intuitive and user-friendly interface.
5. Secure storage of voter data.
6. Voter assistance for those with disabilities.
7. Mobile-responsive design for smartphones and tablets.
8. Open-source code for the website.

Implementation Plan:

As and when the election commission of Bharat announces election parties and their subsequent nominees put their step all these updates will be notified on this website including people's vote and how many votes being voted and validity of site would be until just before the declaration of result.

Team Members:

Ashmit Garg: Frontend Developer and sort of Backend

Archi Agarwal: Frontend Developer

Hemant Kumar: Frontend Developer and sort of Backend

Rhythm Chaurasia: Frontend Developer

Resources Required:

For FRONT END: HTML, CSS, JavaScript, PHP

For BACK END: My SQL

Platform: VS Code, XAMP, Apache Netbeans

References:

1. https://nevonprojects.com/online-election-system-project/
2. www.google.com
3. https://nevonprojects.com/software-project-categories-2/

Expected Outcomes:

E- voting websites make it easier for a broader range of eligible voters to participate in the electoral process, including those with disabilities or those who may have difficulty reaching physical polling stations.

This minimize the risk of voting errors due to unclear handwriting or misinterpretation of choices.

The ease and accessibility of e-voting can encourage higher voter turnout, as it removes many of the barriers to entry associated with traditional voting methods.

This can be designed for long-term sustainability, adapting to evolving technology and electoral needs while maintaining the trust of the voting public.

Project Supervisor:

Our project is supervised under the supervision of Mr. Sanjay Madan, technical trainer of Computer Engineering and Application of GLA University.

Conclusion:

This Online Voting system will manage the Voter's information by which voter can login and use his voting rights. The system will incorporate all features of Voting system. Its provide the tools for maintaining voter's vote to every party and it count total no. of votes of every party. There is a DATABASE which is maintained by the ELECTION COMMISION OF INDIA in which all the names of voter with complete information is stored.

In this user who is above 18 year's register his/her information on the database and when he/she want to vote he/she has to login by his id and password and can vote to any party only single time. Voting detail store in database and the result is displayed by calculation. By online voting

system percentage of voting is increases. It decreases the cost and time of voting process.