Online Voting System

Under the supervision of:-
Ms. Ruchi Talwar
(Technical Trainer)
TRAINING AND DEVELOPMENT DEPARTMENT
GLA University, Mathura

Presented by:-

SACHIN(191500683)

HARISH SHARMA(191500312)

RAJU SINGH(191500631)

SHIVAM GARG(191500759)

Introduction

- The aim of electronic voting schemes is to provide a set of protocols that allow voters to cast ballots while a group of authorities collect votes and output the final tally

- Online Election System would have Candidate registration, document verification, auto-generated User ID and pass for candidate and Voters.

- 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 admin has overall rights over the system and can moderate and delete any details not pertaining to Election Rules.

Problem Statement

Online Voting System provides the online registration form for the users before voting and makes the users to cast their vote online. The system is to be developed with high security and user friendly.

Objective

The objectives of the system are-

- Decrease the human efforts in conducting election

- Increase operational efficiency and accuracy.

- Result will be out after 2 hours of Elections

- Saving money of peoples that spend in procedure of elections

Purpose

- Maximum utilization of resources.
- No false information about candidates and voters
- Admin can verify the documents and details of Candidate.
- System Generated Unique ID and Password gives more Secure Logins.
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Project Scope

- ➢ Simple
- ➢ Fast
- ➢ Intelligent
- ➢ Time Saving System
- ➢ In-expensive

Tools And Technology

- **<u>HTML and CSS</u>:-** HTML stands for Hyper Text Mark up Language. It is used in creating web pages. CSS stands for Cascading Style Sheets. It is used in designing webpages and help in creativity.

- **<u>PHP and MySQL</u>:-** PHP is a widely-used, open source scripting language. PHP scripts are executed on the server. MySQL is an open-source relational database management system. It will help in maintaining the customers record.

- **<u>Brackets and VSCode</u>:-** Brackets is a source code editor with a primary focus on web development. Created by Adobe Systems, it is free and open-source software licensed under the MIT License, and is currently maintained on GitHub by Adobe. Visual Studio Code is a free source-code editor made by Microsoft for Windows, Linux and macOS. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git.

Hardware And Software Requirement for Developer

- Operating System – Windows or Linux
- RAM – 4 GB (Min.)
- Processor – Intel i3 8th gen, Ryzen 3
- Browser – Edge, Google Chrome, Opera Mini, Safari, Mozilla Firefox(Any one).
- IDE – Brackets & Vscode
- Server – XAMPP

Hardware And Software Requirement for User

➢ Operating System – Any

➢ RAM – 1 GB (Min.)

➢ Processor – Any

➢ Internet – Required

➢ Browser – Internet Explorer , Google Chrome , Mozilla Firefox , etc.

Conclusion

- Fast and easy way of conducting Election.
- Voters can view background of each Candidate.
- Candidate can present themselves against voters.
- Admin can verify the documents and details of Candidate.
- System Generated Unique ID and Password gives more Secure Logins.
- Result will be out after 2 Hrs of Election.