ONLINE SECURE VOTING SYSTEM

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ABSTRACT

The main objective of this application is to minimize the burden of the voter to post vote. Now a day’s election commission board spends more money to conduct any type elections with this application no need to spend money to conduct elections. Voters can directly send their votes with fully security, no body can’t recognize this vote automatically candidates voting count will be increased so there is no time wastage. In this application we are providing high security to post vote and to create accounts also we are providing mailing notifications like OTP.

Scope:

It is focused on studying on existing system of voting and to make sure that the people vote is counts, for fairness in the elective positions. This is also will procedure:

- Less efforts and less labor intensive, as the primary cost and focus primary on creating, managing and running a secure web voting portal.
- Increasing number of voters as individuals will find it easier and more convenient to vote especially who are in abroad.

Existing System:

- It involves manual process.
- Manually conduct elections with that more money will be waste.
- Person needs to go to their election place and post their vote or through the postal also person can send his vote.
- Some persons required to count votes so time taken.

1. INTRODUCTION

In our country, first election was held in 1951. From that time people faced lot of problems while they were casting their votes such as standing in queues for long hours even while its raining or it is sunny. The men who have muscle power and money power may give the attempt to rigging. Delivering results take much time because of manual counting and errors may occur. Huge amount of money needed for the setup of polling booths, travelling expenses of government officials, manual preparation of voter list. May people forced to vote for their parties by threatening while they were casting their vote.

Objective

The main objective of this application is to minimize the burden of the voter to post vote. Now a day’s election commission board spends more money to conduct any type elections with this application no need to spend money to conduct elections. Voters can directly send their votes with fully security, no body can’t recognize this vote automatically candidates voting count will be increased so there is no time wastage. In this application we are providing high security to post vote and to create accounts also we are providing mailing notifications like OTP.
Proposed System:

- We are proposing online secured voting system with this votes not required to go to their election place. Voter need to register before to send his vote.
- OTP notification we implemented while cast their vote, while registering voter. Election commissioner can see results of the election directly.

2. OVERVIEW OF THE SYSTEM

Modules

1. Admin Module

In Admin Module Admin can login with his credentials. And admin can add Election Commissioners because election commissioner is a confidential person, other can’t behave like Election Commissioner.

2. Election Commissioner Module

Voters list also. EC take Voters list manually and upload that list whoever in that list those persons can only register and post vote with this we can provide more security. And EC can also upload candidates and he can see the candidates getting votes count also.

3. Voter Module

In this module voter need to register with his data, and that data must be match with the EC uploaded data then only his registration successfully completed. After login he can see his local candidate list and he can select and post his vote.

4. Security Module

This module is the heart of this project. Here we provide highly security to the vote as to like providing encryption even db admin can’t see voter vote. And in this module we provide OTP (One Time Password) facility while registration, posting vote and editing his details also.
4. OUTPUT SCREEN SHOTS

Fig 4.1: Home Page

Fig 4.2: Admin Login Page

Fig 4.3: Candidate List Page

Fig 4.4 Secret Questions Page

5. CONCLUSION

It has been a great pleasure for me to work on this exciting and challenging project. This project proved good for me as it provided practical knowledge of not only programming in java web based application, but also about all handling procedure related with “Online Secure Voting System”. It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

6. REFERENCES

- https://nevonprojects.com/online-election-system-project/
- https://www.phptpoint.com/projects/online-voting-
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