

TITLE : ONLINE COLLEGE VOTING SYSTEM

INTRODUCTION :

“ONLINE VOTING SYSTEM” is an online voting technique. In this system people who have citizenship of Kenya and whose age is above 18 years of age and any sex can give his\her vote online without going to any physical polling station. There is a database which is maintained in which all the names of voters with complete information is stored.

In “ONLINE VOTING SYSTEM” a voter can use his\her voting right online without any difficulty. He\She has to be registered first for him/her to vote. Registration is mainly done by the system administrator for security reasons. The system Administrator registers the voters on a special site of the system visited by him only by simply filling a registration form to register voter. Citizens seeking registration are expected to contact the system administrator to submit their details. After the validity of them being citizens of India has been confirmed by the system administrator by comparing their details submitted with those in existing databases such as those as the Registrar of Persons, the citizen is then registered as a voter.

After registration, the voter is assigned a secret Voter ID with which he/she can use to log into the system and enjoy services provided by the system such as voting. If invalid/wrong details are submitted, then the citizen is not registered to vote.

Problem Definition:

As the statistics shows that the percentage of polling on the day of elections is not satisfactory as majority of students are not coming to vote and thinks is just as a wastage of time. The manual voting system takes long time as there is a lot of paper work first and then human effort is also there for counting of the votes. Manual voting consumes almost 4-6 hrs (approx.) of every voter which is surely a headache. The voting of the college elections will be done online such that there is no need to come at the college on the time of elections and the student can vote from the home or from any other place. A USER ID and PASSWORD will be provided to every student of the college, so that on the time of elections they can easily login on the election link and can use his/her vote.

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

The voters must keep their login id and password secrete because the voter can vote from any place. As the project is online so anyone can vote using its login-id and password

Scope of the project:

Less effort and less labor intensive, as the primary cost and focus primary on creating, managing, and running a secure web voting portal.

As this project is online so it is easy for voters to give the vote to their favourite candidate from any place or location

This system will increase the voting percentage in college

If high security is applied then it may reduce false vote

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. The voting system previously being used by the Government is a paper based system, in which the voter simply picks up ballots sheets from electoral officials, tick off who they would like to vote for, and then cast their votes by merely handing over the ballot sheet back to electoral official. Some of the existing systems are:

i. Paper-based voting ii. Direct recording electronic voting machine iii. Punch card

Current Problem in Existing system:

The problems of the existing manual system of voting include among others the following:

1. **Expensive and Time consuming:** The process of collecting data and entering this data into the database takes too much time and is expensive to conduct, for example, time and money is spent in printing data capture forms, in preparing registration stations together with human resources, and there after advertising the days set for registration process including sensitizing voters on the need for registration, as well as time spent on entering this data to the database.
2. **Too much paper work:** The process involves too much paper work and paper storage which is difficult as papers become bulky with the population size.
3. **Errors during data entry:** Errors are part of all human beings; it is very unlikely for humans to be 100 percent efficient in data entry.
4. **Loss of registration forms:** Some times, registration forms get lost after being filled in with voters' details, in most cases these are difficult to follow-up and therefore many remain unregistered even though they are voting age nationals and interested in exercising their right to vote.
5. **Short time provided to view the voter register:** This is a very big problem since not all people have free time during the given short period of time to check and update the voter register.

6. Above all, a number of voters end up being locked out from voting.

Proposed Solution:

The ONLINE VOTING SYSTEM-INDIA shall reduce the time spend making long queues at the polling stations during voting. It shall also enable the voters to vote from any part of the globe as explained since this is an online application available on the internet. Cases of vote miscounts shall also be solved since at the backend of this system resides a well developed database using MYSQL that can provide the correct data

once it's correctly queried. Since the voting process shall be open as early as possible, the voters shall have ample time to decide when and whom to vote for.

Hardware Requirements:

- Microsoft Windows XP Professional SP3/Vista SP1/Windows 7 Professional:
 - ☐ Processor: 800MHz Intel Pentium III or equivalent
 - ☐ Memory: 512 MB
 - ☐ Disk space: 750 MB of free disk space

Software Requirements:

Front End : PHP

Back End: MY SQL SERVER

Operating System: Windows XP or above

Browser: Any latest browser

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