

Election Management System

TEAM-15

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1 PROJECT DESCRIPTION

Election management system that keeps record of candidates, their manifestos, their past records, their major expanses, votes(anonymous levels to be maintained), result declaration, etc.

2 SCOPE

In democratic countries, voting is a vital tool to collect and re-act people's views.

In the elections, the election of a member of the assembly, the election of head of local/state government, and others, a voter can cast a vote only after going to designated polling place and checking his identity.

This project work is mainly designed to simplify the process of gathering and displaying candidate information, allow voters to cast their votes easily and comfortably to promote a more credible election which is efficient and less costly. It's online interface enables real- time election monitoring and result collation.

3 DATA TO BE HANDLED

For implementation we will use *J2EE* along with *JAVA* for efficient and clean management of code and database.

Below are some different types of data that we require in our database (serving their respective purposes) -

- Candidate registration
- Voter registration
- Seat details (winner candidate e.t.c.)

- Candidate details for a given seat
- Real time vote calculation

This is tentative list and according to development and corresponding challenges, we plan to implement and vary in project according to need.

4 TYPICAL USAGE SITUATIONS and CONCLUSION

- An e-voting system is beneficial to the *university* as:
 1. It will help in conducting a less stressful and fair elections at different levels (college level, department level,...)
 2. As its database is based on a flexible database management system, students and staff details can easily be collected for easy access and monitoring
 3. It will serve as a base for other works in the field of ITC and governance.
- To the society: The significance of a e-voting system to the society are -
 1. The secure and flexible database management system safeguards data and information to account for credible elections.
 2. It will serve to reduce the workload in the process of conducting elections.
 3. It will greatly reduce and eliminate disenfranchising electorates.
 4. It will serve to eliminate invalid votes, curb election violence as votes are counted immediately as they are cast.

With the reference of same information as mentioned above, we see that it has huge usage all over the world.