



E-VOTING SYSTEM (EVS)

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ABSTRACT

Democracy is an important matter in most modern societies. One of the most important activities within a democracy is the election of representatives. It is also a very delicate process that is the subject of various disturbances, such as inactive citizens, attempts of fraud etc.

The purpose of this document is to describe the behavior of an E-Election App System, named E-Voting System (EVS). This system provides an online tool for the clients to vote. In this system there will be two main pages to be able to access: Admin page and Voting Page.

From the Admin page administrator will be able to design the voting application. From the Voting page clients will be able to open their election pages and vote for the candidates.

According to the login credentials, system will determine if the user is Administrator or the user and open the pages given access to the user credentials.

During this tool's design Parlier Crypto Web Services was used.

Keywords:-Election, Voting, Online

INTRODUCTION

Democracy is an important matter in most modern societies. One of the most important activities within a democracy is the election of representatives. It is also a very delicate process that is the subject of various disturbances, such as inactive citizens, attempts of fraud etc.

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LITERATURE SURVEY

The system which is used now days has some drawbacks which need to be improved for better performance. Existing System is Paper-based voting systems originated as a system where votes are cast and counted by hand. With the advent of electronic tabulation came systems where paper cards or sheets could be marked by hand counted electronically. These systems included punched card voting, mark sense and later digital pen voting systems.

The proposed system has the Easy to manage large amount of user and data store in electronic for long time, Register Vote form anywhere, The project is mainly aimed at providing a most secured and user friendly online voting system .No paper work, Display voting results in a graphical fashion and instantly display result for the administrator to analyze.

Prevent voters from voting more than once for their choose candidates.

Internet voting will allow the casting of Online voting from virtually any location around the world and Display voting results in a graphical fashion for the administrator to analyze and providing a most secured and user friendly online voting system.

The main scope of this Application is to be able to show the how we can online votes to particular member and how it can be applied to an online voting tool. Additionally, there will be maintenance processes applied to improve the efficiency of Web services.

METHODOLOGY

The E-Election system to be discussed makes up a relatively small part of the whole election process. From a technical viewpoint the elections are made up of the following components:

- Calling of elections,
- registration of candidates,
- Preparation of polling list,
- Voting (a subset of which is e-voting),
- Counting of votes.

Other components such as auditing, reviewing of complaints and other supporting activities could be mentioned.

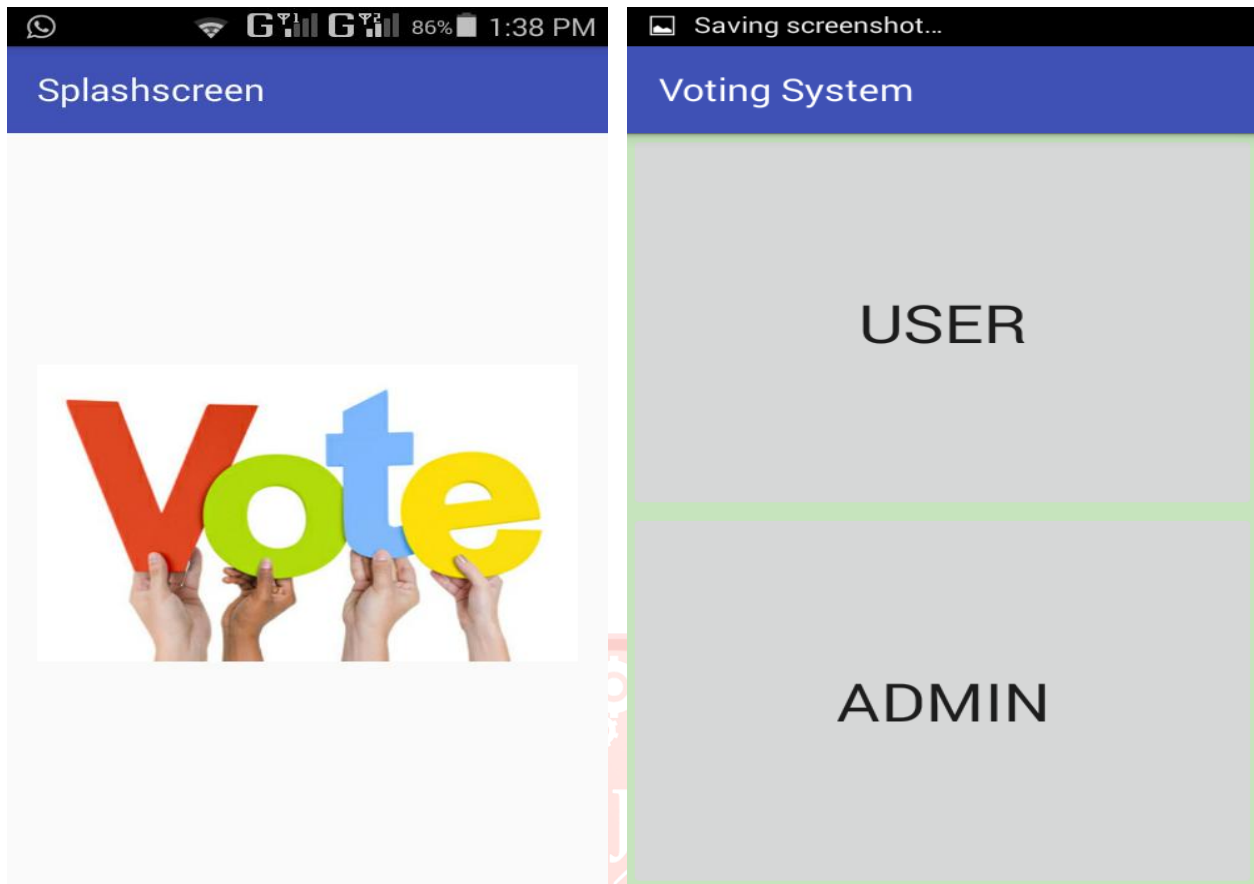
The E-Election system that will be developed assumes: Voter lists have been prepared and are available in a database. Users are assigned "User" type and Administrators are assigned "Admin" type. The candidate lists have been prepared and are available in a suitable format and lastly, e-votes are counted separately and are later added to the rest of the votes.

Online Voting System contains:-Voter's information in database,Voter's Names with ID,Voter's vote in a database, Calculation of total number of votes.

Modules for Online Voting

- Voting Register
- Voting Citizen
- Voting Polling
- Voting Candidate Register
- Voting Candidate Details
- Voting Result
- Voting Confirmation

RESULTS



CONCLUSION

The main aspect behind E-Voting System (EVS) is that it enabled us to bring out the new ideas that were sustained within us for many for many days. This project offers the voters to cast easily through internet. Vote counting is also made easy by the EVS since it's just a matter of querying the database. EVS is used by a number of countries today. Developing a good system is critical to the success of the system to prevent system failures and to gain wide acceptance as the best method available. A good EVS requires ten characteristics which this system already has. These are: Accuracy , Convenience ,Reliability, Verifiability, Flexibility, Consistency, Democracy, Mobility Privacy

In analyzing, designing, implementing, and maintaining standards, we considered these characteristics as the foundation. These standards were made national. EVS will be an inexpensive, and less time consuming method once a system exhibiting national standards and the above mentioned characteristics is implemented.

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