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Student Online Voting

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***Abstract*: In colleges are conduction to elect student's president, secretary and other board members every interval of times, since the votes are working various part of the college it is difficult for them to vote and they need a mobile based polling system with security measures.**

***Keywords*: Voting.**

1. Introduction

Electronic voting (also known as e-voting) refers to voting using electronic means to either aid or take care of the chores of casting and counting votes. Depending on the particular implementation, e-voting may use standalone electronic voting machines (also called EVM) or computers connected to the Internet. It may encompass a range of Internet services, from basic transmission of tabulated results to full-function online voting through common connectable household devices. The degree of automation may be limited to marking a paper ballot, or may be a comprehensive system of vote input, vote recording, data encryption and transmission to servers, and consolidation and tabulation of election results.

A worthy e-voting system must perform most of these tasks while complying with a set of standards established by regulatory bodies, and must also be capable to deal successfully with strong requirements associated with security, accuracy, integrity, swiftness, privacy, auditability, accessibility, cost-effectiveness, scalability and ecological sustainability.

Electronic voting technology can include punched cards, optical scan voting systems and specialized voting kiosks (including self-contained direct-recording electronic voting systems, or DRE). It can also involve transmission of ballots and votes via telephones, private computer networks, or the Internet. Electronic voting systems for electorates have been in use since the 1960s when punched card systems debuted. Their first widespread use was in the USA where 7 counties switched to this method for the 1964 presidential election. The newer optical scan voting systems allow a computer to count a voter's mark on a ballot. DRE voting machines which collect and tabulate votes in a single machine, are used by all voters in all elections in Brazil and India, and on a large scale in Venezuela and the United States. They have been used on a large scale in the Netherlands but have been decommissioned after public concerns.

2. Results and Discussions

The proposed system is a web-based application so that user can access this system from anywhere in this world. Now days, Polling's are conducted in college election team to elect chairman, Councilors. The elections are conducted in normal ballet model that means all the voters has to assemble in a single roof on particular date and time for polling. This type of polling requires travelling and consumes time and cost to the company. Internet voting systems have gained popularity and have been used for government elections and referendums in Estonia, and Switzerland as well as municipal elections in Canada and party primary elections in the United States and France. There are also hybrid systems that include an electronic ballot marking device (usually a touch screen system similar to a DRE) or other assistive technology to print a voter verified paper audit trail, then use a separate machine for electronic tabulation.

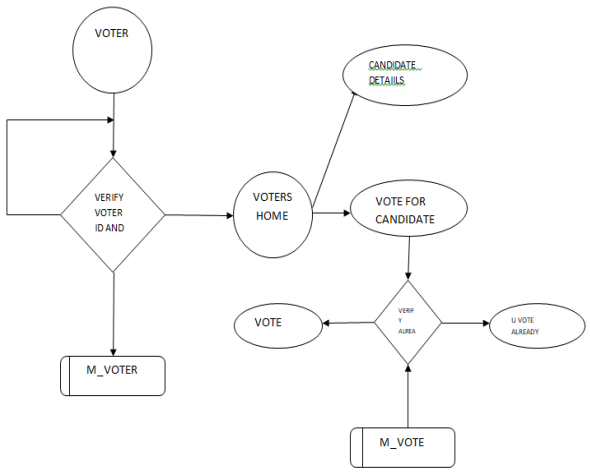

Fig. 1. System architecture

3. Conclusion

The project "Online Voting System" admin panel is developed using PHP as the Front End with MY-SQL as the Back End. Voter panel is developed using android studio as a front end and my sql as a backend. Thus, the project conforms to the requirement specification stated in the beginning.

This application is very useful in college election team to elect chairman, secretary, etc. With the help of this application, we elect the concern team of the college board members. we can able to safeguard the password and polling from illegal

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activities. We tested this application and it shows successful result and it passes all the constraints specified in scope of the project.

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