# Online Voting System

**Bochare Vaishnavi Santosh, Wable Akanksha Santosh, Shaikh Saniya Yusuf, Prof. Kumbhoje M. R**

Department of Commerce and Research Center BBA(CA)

Shri Shiv Chhatrapati College, Junnar, India

**Abstract:** *With rapid growth in technologies the old voting methods can change to advanced voting methods. Online voting software is a modern solution that can efficiently and securely facilitate the voting process for various groups and organizations. The use of such software eliminates the need for physical polling stations, as voters can cast their ballots from anywhere with an internet connection.*

**Keywords:** Mysql, Java, Servlet, JSP

## I. INTRODUCTION

The voting systems currently in use in the country are Electronic Voting Machines (EVM) and Secret Ballet Voting, both of which require a large amount of manpower and are extremely time-consuming processes. The election officers must then check their Voter's Id in the voters' list of booths, and if the information is present, the voter can vote in that booth. The EVMs must be checked and transported to various parts of the country where the election is being held. It also necessitates manual labour and security. The counting of votes cast in EVMs requires manpower as well and takes an entire day, while ballet voting is entirely manual. Because all of this work is done by hand, there is a high risk of malpractice, making the conduct of a free and fair election extremely difficult

### Overview

Software package entitled "E-vote" will be the ultimate product of the development team. This software will allow organizations to design and run elections securely and privately on a server connected to a distributed network. It will be possible to customize the ballots for each election as well as to set certain parameters for each election, such as whether or not voters may change their votes once they have been submitted. The E-vote package will also include the software needed by voters to register their votes using computers connected to a distributed network. The server will then track votes and calculate statistics on the results of the election

## II. LITERATURE SURVEY

To make the easier of giving the vote and more capable without wireless and technologies.

Online-voting- system

has the opportunity to find a safe, easy and secure way to hold and count votes in the chosen elections.

online-voting-system based on adhaar id uses adhaar id as authentication key, the system works well on time and provides security that the system is much more advanced than the traditional system but a big problem living in this system is that of authentication, authentication technique used is not as effective as biometric can be used

## III. EASE OF USE

**A. Voter turnout:**

Online-voting has been able to consistently control 80% of voter turnout once while most other platforms strive to control 20-50% voting.

a..Easy to Use: Voters can give their by android application. This application is easy to use.

b..Simple Login: User authentication occurs via OTP User interface: Voting platform is not complex it is very easy to use and accurate regarding to give their votes and counting the votes liiterate peoples, adults

**B. Maintaining the Integrity** of the Specifications 24 X 7 Customer support: Online-voting team are always call and email to support voters who need help. and there are waste of time. The voter must register

himself herself in the voters' roll. Voter or Nominee must be completed by hand. Voters are to be present at his or her constituency to cast his or her vote. Some of the available programs are:

i..Cast votes on paper

ii..Electronic voting machines are used

iii..Scanning the card

## A. SCOPE

i. Rising the number of voters who excited to give their vote using online mode receive.

ii.. Less effort and less workforce, as in the first case cost and main focus construction, management.

iii. Anyone can give their vote anywhere and anytime in India

iv..A single person cast only single vote

v..Save time and reduce personal interference

vi.. The system is flexible and secure for use

vii..Different voter identification by Aadhar number

viii. Interface is very easy to use ix..Fraudulent not submitted.

## B. PROPOSED SYSTEM

This system will contain Voter's details on which the people can enter exercise his or her voting rights full, age, aadhar _card, mobile number email _id, fingerprints and verification details of the manager. you can vote for candidates in the list .If the voter still the AADHAR then he or she does not need toregister otherwise you need to register in the ADHAR database.

We look existing system, they offer online voting. Knowing that the Government of India is getting a lot of electroons. In studying the current system we have seen that they do not provide smart voting providers. So even a  voter can vote for candidates from his or her constituency. To enter his ward We will show only candidates in that constituency. This platform will also help in conducting minor elections like in the Village Mukhiya Election or other Election. We make the system easier.

## IV. CONCLUSION

The voting system proposed by us is far more secure and efficient than the traditional voting system. Delays in results and vote manipulation are easily avoided in this system. The most notable aspect of our project is the use of two-factor authentication, which allows for easier and more precise voter verification. For the same reason, whenever a user registers, he or she must provide his or her voter id, which allows for easier verification of both voters and candidates. The proposed online system is expected to increase the transparency and reliability of the current electoral system.

## REFERENCES

[1] Ankit Anand, Pallavi Divya, An Efficient Online Voting System, Vol.2, Issue.4, July-Aug. 2019, pp- 2631-2634.

[2] Dinesh Kumar P et al, International Journal of Computer Science and Mobile Computing, Vol.9 Issue.1, January-2020, pg. 156-160

[3] Himanshu Agarwal, G.N.Pandey, Online Voting System for India Based on Aadhaar Id, 2013 Eleventh International Conference on ICT and Knowledge Engineering

[4] B.Arun, V.K.Gouthaman, A.Nafees Raja, "Online Voting System Using Face Recognition", Faculty of Engineering and Technology, SRM University, April 2007

**Copyright to IJARSCT**
**www.ijarsct.co.in**

**DOI: 10.48175/IJARSCT-19616**

ISSN
2581-9429
IJARSCT

116