



# ONLINE VOING SYSTEM

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## Abstract

Large space and manpower is required to setup voting booths in multiple areas around village. High security has to be maintained on the date of election. Voter must visit the place where voting booth is arranged. Sometimes, voter needs to stand in a queue for a long time. Again, manpower is required for volunteering and assistant of voters at the place of voting. Voting process is done manually on voting machine. Vote counting is done with the manual process. Then there is a gap of few days for results to be displayed. So if we see, here in traditional voting system, we need lot of manpower, energy, and time to conduct this process.

Keywords: HTML, CSS, Java Script, PHP, MYSQL, phpMyAdmin, XAMPP.

## 1. INTRODUCTION

Now as we all know, almost everything can be done online. Like Money transfer, Shopping, Booking Teaching, Data sharing, Admissions, Job search, etc. And so many other activities are done with the help of internet. So with the easy access and use of internet, we are going to take this existing voting system on advance level. We are going to develop an online platform with high security so that the same process could be done easily without the waste of time, afford, and energy. So firstly, voters and groups/candidates are required to register on online voting system. Once registration is done, voter can easily vote to their respected candidate or group by just signing in with the comfort of his/her home. And similarly, groups/candidates can do the same as well as also monitor their status with the comfort of home. So this system will save a lot of time, energy, and afford for both voters and groups.

### **1.1 Research Objective:**

The main objective of this study is to make a step forward in the direction of online voting platform by providing all the essential security levels. The objective of this study is to make the voting process easy, less time taking, and secure. Online voting system eliminate the bogus voting which can occur in tradition voting schemes.

### **1.2 Scope of Study**

As we all know that there are many organizations that conduct elections for the positions like "Group leader, Project leader, Employee of the month, and for some minor changes in working environment etc. In that case, online voting can very helpful to conduct vote. People can cast their vote from anywhere. As colleges conduct elections for positions like president, vice president etc. for many college societies like CSI, Trinity etc, and other management posts for

students and online voting system can be used on any cases like these efficiently it can be customized according to client need on any type of elections.

## **2. LITERATURE REVIEW**

### **2.1 Background:**

#### **Voters**

Voters are the people who will first sign up on online voting panel. And then at the time of voting, they will login and do vote to their respective group or candidate via system.

Following data from voter side will be provided to the system at the time of registration :

- . Name
- . Mobile
- . Address
- . Status
- . Votes
- . Role (voter/group)
- . Photo
- . Password

Following are some Voter responsibilities:

- . Registration on system
  - . Login to system
- . Voting for the candidate

#### **1. System**

system is an online platform where election process is held. So the voters and groups are registered here. And with the help of system, voters can do voting and groups can monitor their status.

Following are given System responsibilities:

- . Registration of both voter and candidate
- . Display of registered candidates with respective votes on homepage
- . Display of registered candidates on voter dashboard if any
- . Display of profile info and voting status on voter dashboard
- . Display of profile info, voting status, and votes on candidate dashboard
- . Maintaining record for each candidate and voter without making any duplicate record.

#### **Groups**

Groups/Candidates/Parties are those who will be given votes at the time of voting. And they can monitor their status by just doing login into system.

Following data from group/party side will be provided to the system at the time of registration:

- . Name
- . Mobile
- . Address
- . Status
- . Votes
- . Role (voter/group)
- . Photo
- . Password

## 2.2 Product Perspective:

The product is an election conducting tool with a simple GUI and a Chatbot in it. This system is developed using php. Though product is stand-alone. It requires a XAMPP server.

## 3. Modules of our System

Online voting is a portal through which a voter can cast his vote by registering themselves on the online voting platform. All the information about users is entered in database by which admin can verify the user. There are different tables in database for users, candidates, result, admin. Each voter has to enter his all basic information like name, gender, state, email-id. This is the first page of the website known as the welcome page. It has all the page options like Home, Polling Dates, Register, Login, about us, Contact us, FAQs.

### 3.1 Home:

This is the registration page, where the voter can register themselves. The users have to enter their details which are required by admin through registration page. All the details registered on the portal are saved in the respective database. The Admin has authority to accept eligible user, otherwise he has right to reject their registration by providing reason of rejection.

### 3.2 User Login:

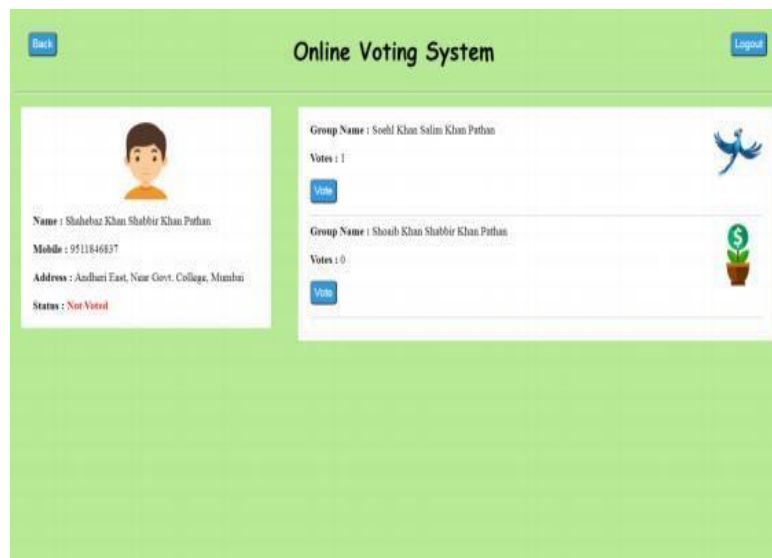
After registering into the portal, their details are saved to the database and sent to the admin. The user can Login to the portal with his unique USERNAME and

### 3.3 Admin Panel:

From here admin can login to his account and can manage whole voting process by adding new election, generating id for user, verifying the users, generating result and many more. He has the right to generate id for user by verifying the users.

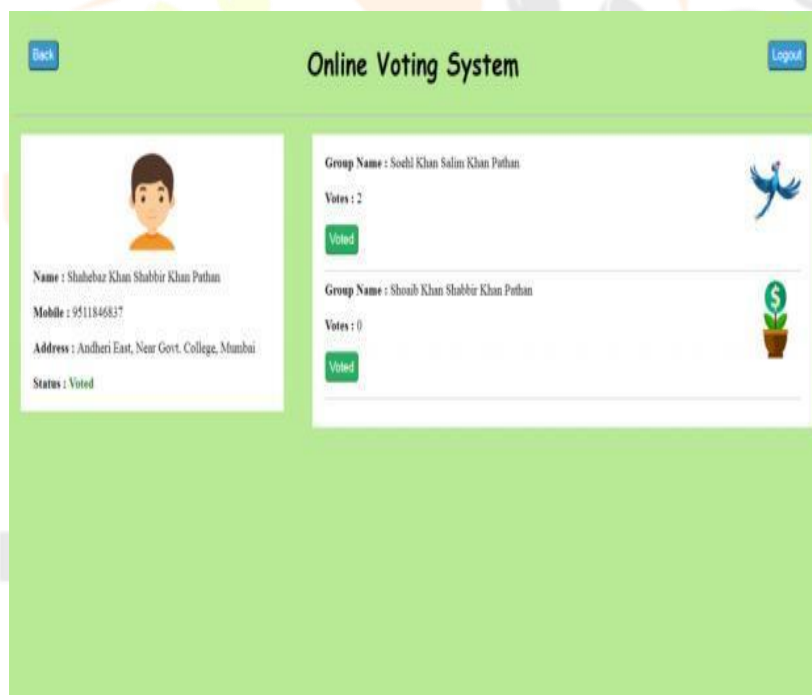
### 3.4 Election:

This a module which gives a list of all ongoing election, this module is accessible only to those users who have been verified by admin. By this module user can cast their vote by selecting a candidate of a particular Election.



### 3.5 Result:

This module provides the results of all the completed elections; user has the right to see the result of elections. All the results are being generated by admin after the successful completion of the election.



## 4. Technology used:

We have created this online voting portal by using following technologies:

Front end: HTML, CSS, Bootstrap

Back end: - PHP, JavaScript

Database:- MySQL, phpMyAdmin

Server: - XAMPP

## **5. Conclusion:**

So the final conclusion we make here is that our new online voting system is much better and easy to use than traditional voting system. Almost all problems that we have discussed in existing voting system are resolved by the help of this application. So the launch of this application would create many opportunities for those who are frequently involved in conducting elections for different purposes.

