



## **CERTIFICATE**

This is to certify that Mr. / Ms. \_\_\_\_\_

Roll No \_\_\_\_\_ Branch \_\_\_\_\_

Semester \_\_\_\_\_ Academic year \_\_\_\_\_ has completed

Term Work (Practical / Project / Tutorials / Assignments

/Test) in subject \_\_\_\_\_ as per the syllabus prescribed

by the University of Mumbai successfully.

Internal Guide

External Examiner

I/C Principal

## ACKNOWLEDGEMENT

With immense we are presenting “**Online Voting System**” Project report as part of the curriculum of ‘Masters of Computer Applications (MCA)’. We wish to thanks all the people who gave us unending support.

We express our profound thanks to our teachers those who have supported us Prof. Nitesh Kumar and all those who have indirectly guided and helped us in completion of this project. We are very much thankful to our classmates and other respected teachers and staff members for their valuable guide for our project

We again thanks to sir whose inspiration and constant prompting are responsible for producing this project within a short period .The completion and study of this project was not possible without all those who directly or indirectly help us our venture.

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## INTRODUCTION TO PROJECT

The '**Online Voting System**' is an online voting technique. In this system people who have citizenship of India and whose age is above 18 years of any sex can give his/her vote online without going to any polling booth. There is database which is maintained by the admin in which all the names of voter with complete information is stored.

### **Features of our software:**

- 1) It reduces paper work and makes the work less tedious for election commission.
- 2) Fast and accurate result.
- 3) The online voting system provides a less time consuming.
- 4) Fast and easy service.

## *Advantage of the Project*

1. Fast and easy service.
2. The online voting system provides a less time consuming.
3. It reduces the paper work and makes the work less tedious for election commission.
4. It is a better way for voting.
5. Fast and accurate result.
6. By this voting percentage will increase drastically.
7. Voter has no need to go to any polling booth, so it is easy to use.

# *System Specification*

## **Software requirements:**

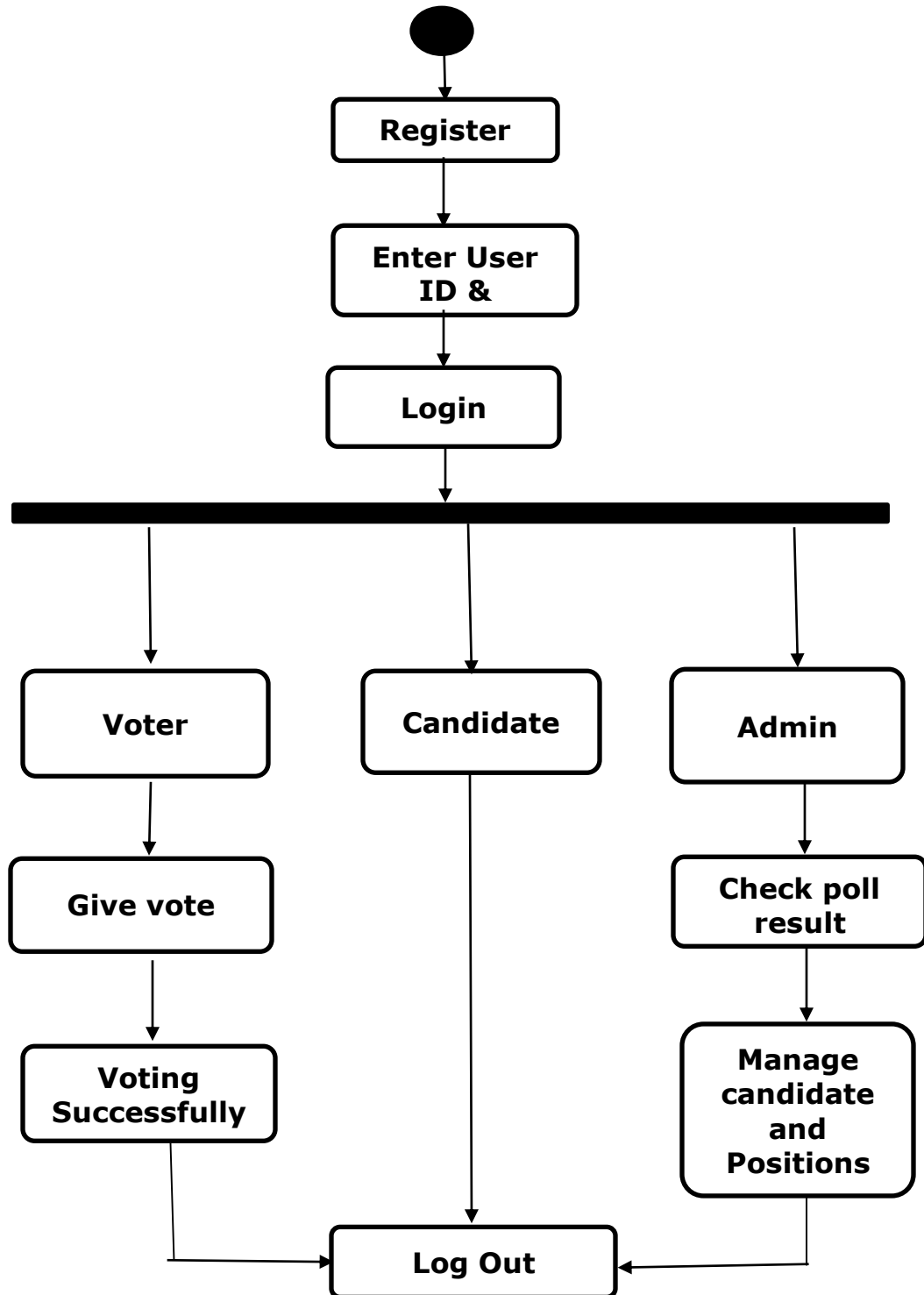
- MYSQL
- HTML, CSS, PHP
- WAMP SERVER

## **Hardware requirements:**

Windows 7 Professional/windows 10:

- Processor – Intel® Core i3
- Memory (RAM) – 4.00 GB
- Hard Disk – 500GB

## Project Flow Diagram



## TECHNOLOGY USED FOR PROJECT

### ❖ FRONT END PHP:



PHP is an open source general purpose server-side scripting language originally designed for Web development to produce dynamic Web pages. It is one of the first developed server-side scripting languages to be embedded into an HTML source document rather than calling an external file to process data.

The code is interpreted by a Web server with a PHP processor module which generates the resulting Web page. It also has evolved to include a command-line interface capability and can be used in standalone graphical applications.

PHP can be deployed on most Web servers and also as a standalone shell on almost every operating system and platform free of charge.



## ❖ BACK END MY SQL:



MySQL is a database system used on the web. Basically, a MySQL database allows you to create a relational database structure on a web-server somewhere in order to store data or automate procedures. If we are getting your own web-page or already have one – our host supports MySQL and PHP.

When creating tables, we'll either have to create them by using SQL Statements, or by using another open-source tool available online called PHPMyAdmin. PHPMyAdmin gives us an easy-to-use interface that allows us to create tables and run queries by filling in a little bit of information and then having the tables created for ours.

## *ADVANTAGES OF THIS TECHNOLOGY*

- Open Source: PHP is an open source technology, which means its source code, development environment etc. are freely available. Also, PHP community is continually developing new functionalities of this language thus improving its code package, base libraries and various classes.
- Simple & Easy: PHP developed websites or applications have much simple code to write or understand. The level of complexity of a php code is much lesser than its competing technologies for developing web applications or dynamic sites.
- Platform Independent: Applications developed in PHP are platform independent and can be executed on a variety of platforms and web servers. Websites developed using PHP can be hosted on nearly all the web-servers available in the market. The only constraint which can be considered is the version incompatibility, which is also not a major issue because most of the time servers are back-compatible with the language versions.
- Enhanced graphics: PHP can be used to generate images dynamically or at run-time. Using the image functionalities, more number of image formats could be supported in a website or web application.

# Database Design

## Voter Database:

The screenshot shows the phpMyAdmin interface. On the left, the database structure tree is visible, with 'voting' expanded to show 'user\_reg'. The main panel displays the 'user\_reg' table structure and data. The table has columns: fname, lname, dob, mob, adhar, email, pass, and rpass. The data shows 6 rows of user registrations.

fname	lname	dob	mob	adhar	email	pass	rpass
Samiksha	Kini	1998-11-13	7886752651	752762387368	sam@gmail.com	sam	sam
sonali	patil	1997-11-03	7689273927	546738914573	sonu23@gmail.com	sonu	sonu
Manali	Desai	1998-09-04	5652233445	537673878367	manali04@gmail.com	manali	manali
snehal	Desai	1996-04-09	9675846536	567575769858	snehal09@gmail.com	snehal	snehal
Atharva	Kini	1994-05-11	7556576426	907895342456	atharva11@gmail.com	atharva	atharva
Nichiket	Patil	1989-10-12	9567398784	425367893265	nichiket@gmail.com	nichiket	nichiket

## Candidate database :

The screenshot shows the phpMyAdmin interface. On the left, the database structure tree is visible, with 'voting' expanded to show 'candidate'. The main panel displays the 'candidate' table structure and data. The table has columns: fname, lname, position, and party. The data shows 4 rows of candidate information.

fname	lname	position	party
Aditya	Thakarey	President	Shivsena
Rahul	Gandhi	President	Rashtravadi
Shatrughan	Sinha	Secretary	BJP
Sonia	Gandhi	President	Congress

## Voting Database:

The screenshot shows the phpMyAdmin interface with the 'voting' database selected. The 'vote\_count' table is displayed, showing 6 rows. The table structure is as follows:

shiv	bjp	cong	rash
Shivsena	-	-	-
-	-	Congress	-
-	-	-	Rashtravadi Congress
-	Bhajap	-	-
Shivsena	-	-	-
Shivsena	-	-	-

The interface includes a sidebar with a tree view of databases and tables, a top navigation bar with tabs for Browse, Structure, SQL, Search, Insert, Export, and Import, and a bottom console area.

## Admin Database:

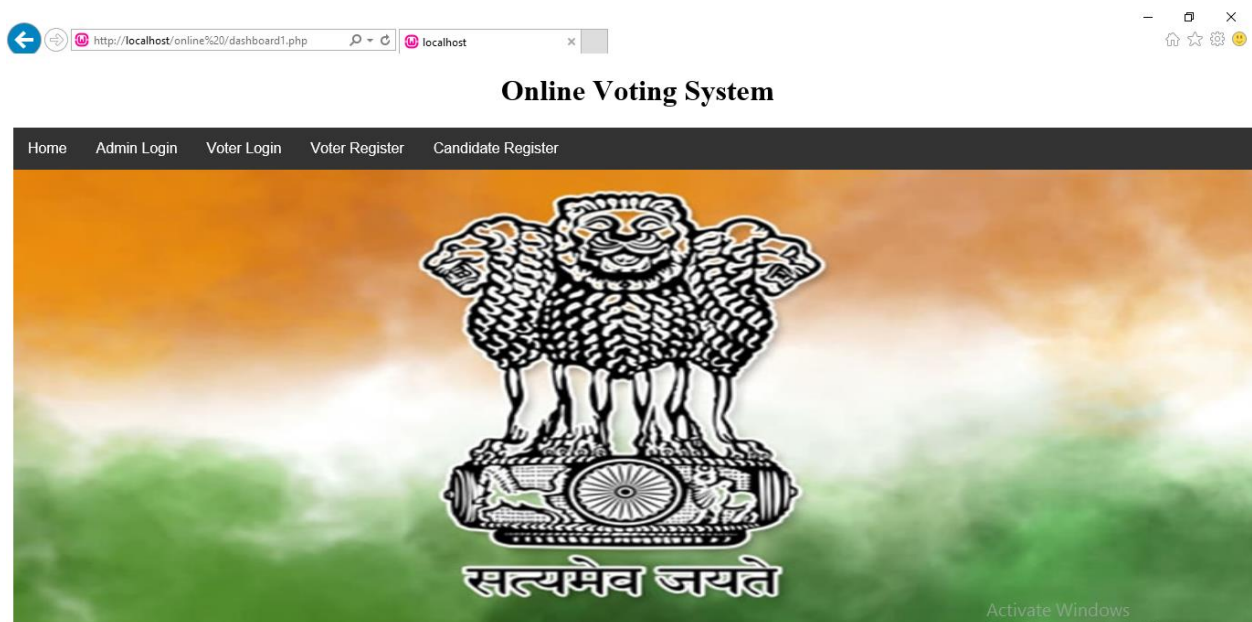
The screenshot shows the phpMyAdmin interface with the 'voting' database selected. The 'admin2' table is displayed, showing 2 rows. The table structure is as follows:

uname	pass
admin	123

The interface includes a sidebar with a tree view of databases and tables, a top navigation bar with tabs for Browse, Structure, SQL, Search, Insert, Export, and Import, and a bottom console area.

## Screenshots

### Home Page:



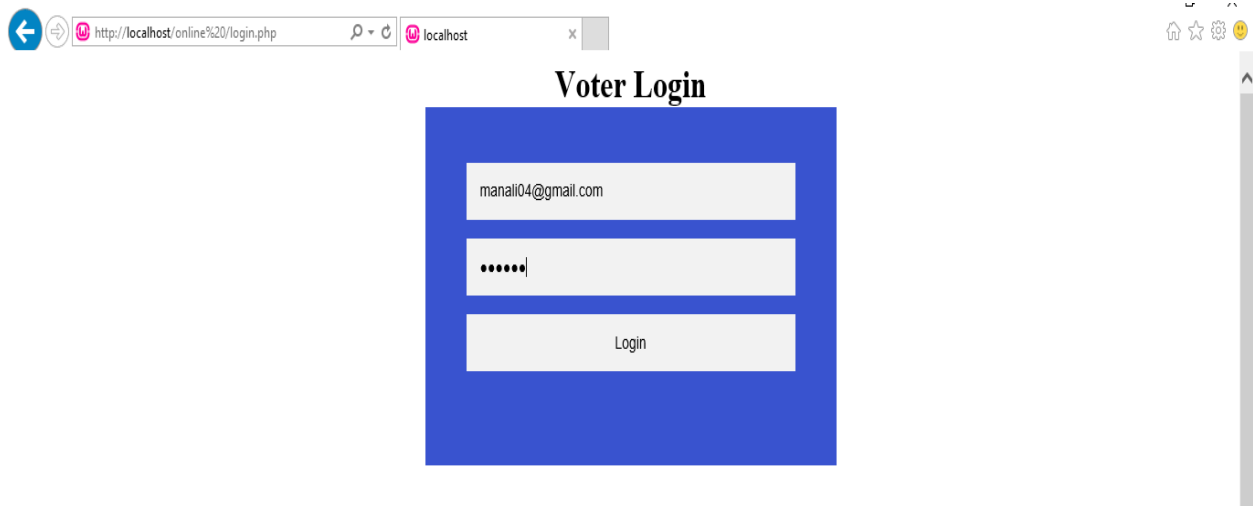
These is the Home of this project, in navigation bar Home, Admin login, Voter login, Voter registration, Candidate registration will be shown.

### Voter registration:

A screenshot of the 'Voter registration' form. The browser's address bar shows 'http://localhost/online%20/voter%20registration1.pl'. The form is titled 'registration form creation' and is set against a blue background. It contains the following fields: 'First name:' (Nichiket), 'Last name:' (Patil), 'Enter Date of Birth:' (1989-10-12), 'Mobile number:' (+91 9567398784), 'Aadhar card No:' (425367893265), 'Email:' (nichiket@gmail.com), 'password:', and 'Re enter u r password:'. A 'Submit' button is at the bottom. A 'Activate Windows' watermark is present in the bottom right corner.

These is the voter registration form, voter has to fill this form to register yourself .

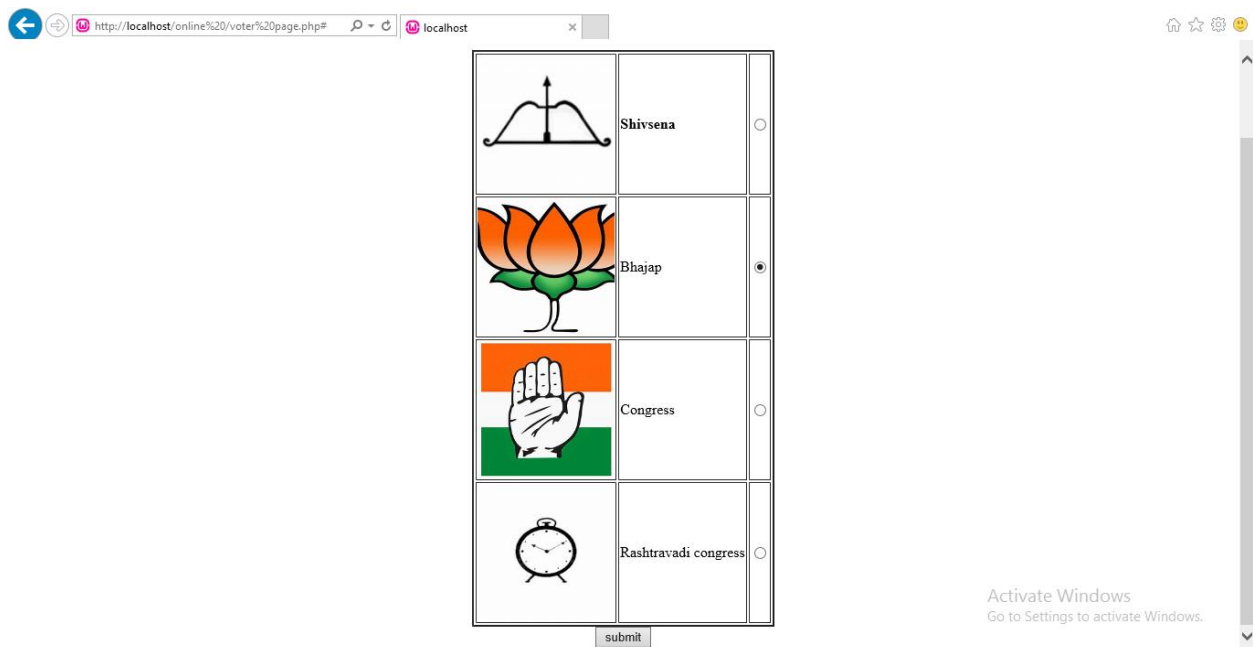
## 6) Voter login:



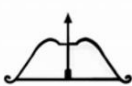



The screenshot shows a web browser window with the address bar displaying `http://localhost/online%20/login.php`. The page title is "Voter Login". The login form is centered on a blue background and contains three input fields: an email field with the text "manali04@gmail.com", a password field with masked characters ".....", and a "Login" button.

For give the vote, voter has to login there account using there email id and password.

## 7) Voting page:



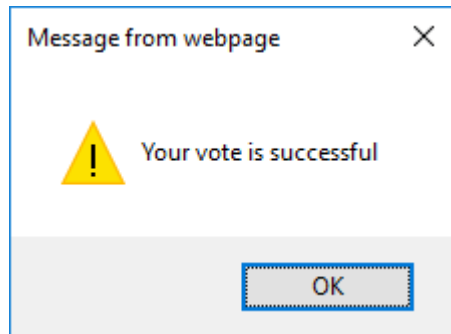
The screenshot shows a web browser window with the address bar displaying `http://localhost/online%20/voter%20page.php#`. The page displays a list of four political parties for voting, each with a logo, the party name, and a radio button:

	Shivsena	<input type="radio"/>
	Bhujap	<input checked="" type="radio"/>
	Congress	<input type="radio"/>
	Rashtravadi congress	<input type="radio"/>

Below the list is a "submit" button. In the bottom right corner, there is a watermark that says "Activate Windows Go to Settings to activate Windows."

After the successfully login, this voting page will be shown, voter has to select any one from the list and click on submit button.

### Popup message:



### Candidate Registration:

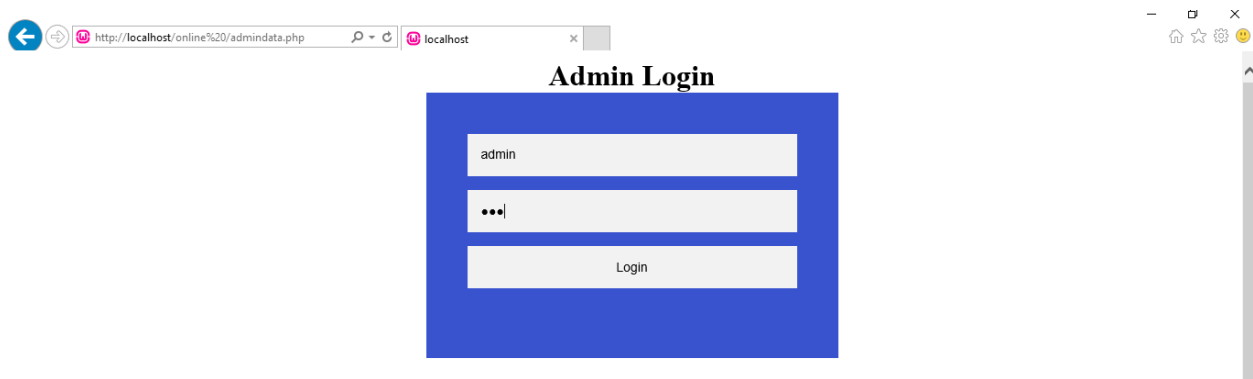


#### Registration form

A screenshot of a registration form with a blue background. It contains four input fields: "first name:" with the value "Sonia", "Last name:" with the value "Gandhi", "Candidate Position :" with a dropdown menu showing "President", and "Candidate Party :" with a dropdown menu showing "Congress". At the bottom is a "Submit" button.

Candidate has to fill this form to participate in the election.

## Admin login:



These Admin login page will be open when click on the admin login in the navigation bar. Admin can login there account for check the result and manage the candidate information.

## Admin Page



After admin login successful there is a options in the navigation bar are voting result and manage candidate.



## Vote Count:



When click on voting result option in the navigation bar of admin, result of all parties will be displays.

## 4) Candidate Information :

The screenshot shows a web browser window with the address bar displaying `http://localhost/online%20/candidateshowdata.php`. The page title is "Candidate". Below the browser window, a table displays candidate information.

First Name	Last Name	Position	Party
Aditya	Thakarey	President	Shivsena
Rahul	Gandhi	President	Rashtravadi
Shatrughan	Sinha	Secretary	BJP
Sonia	Gandhi	President	Congress

When click on manage candidate option in the navigation bar of admin, all candidate information will be display which are participate in election.

## *Conclusion*

This system is provided the tools for maintaining voter's vote to every party and it count total number of votes of every party. There is a DATABASE which is maintained by the Admin in which all the names of voter with complete information is stored.

Voting detail store in database and the result is displayed by calculation. By online voting system percentage of voting is increases. It decreases the cost and time of voting process. It is very easy to use and It is varying less time consuming. It is very easy to debug.

## *Future Enhancement*

The Online Voting System platform can be made more secure by using the following methods

- ☐ Password Changing
- ☐ Fingerprinting
- ☐ We can develop in android environment.
- ☐ We will get the successful message on mobile after the voting.

## *References*

- <https://www.phptpoint.com/online-voting-system/>
- [https://www.w3schools.com/howto/howto\\_css\\_login\\_form.asp](https://www.w3schools.com/howto/howto_css_login_form.asp)
- [https://www.w3schools.com/css/css\\_navbar.asp](https://www.w3schools.com/css/css_navbar.asp)
- [https://www.w3schools.com/css/css\\_rwd\\_viewport.asp](https://www.w3schools.com/css/css_rwd_viewport.asp)