A Project Report

On

Online Voting System

By

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Under the guidance of

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SAVITRIBAI PHULE PUNE UNIVERSITY

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Marathwada Mitra Mandal's College of Engineering
Department of Computer Engineering, Pune_51

CERTIFICATE

This is to certify that,

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of class T.E Computer have successfully completed their project work on "Online Voting System'' at MARATHWADA MITRA MANDALS COLLEGE OF ENGINEERING in the partial fulfillment of the Graduate Degree course in T.E Web Technology Subject at the Department of Computer Engineering, in the academic Year 2022-2023 Semester – II as prescribed by the Savitribai Phule Pune University.

Mrs. Asma Shaikh
Ms. Mayuri Shelke
Guide

Dr. Kalpana Thakare
Head of the Department
(Department of Computer Engineering)

Acknowledgement

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I would also like to extend my heartfelt gratitude to my **Principal, Dr. V N Gohokar** who provided a lot of valuable support, mostly being behind the veils of college bureaucracy.

Last but not least I would like to thanks all the Teaching, Non- Teaching staff members of my Department, my parent and my colleagues those who helped me directly or indirectly for completing of this Project successfully.

Name of Students

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Contents

1. TITLE OF THE PROJECT:

Online Voting System.

2. ABSTRACT:

The Online Voting System is a web based application. The system has a centralized database to keep records of all the Voters, Candidates and gets Results. This Online Voting System is based on voters, for confirmation of Vote. The web based system is time saving, work load reduced information available at time and it provide security of the data. India has introduced a new method of polling by online voting system (OVS).This is a simple, safe and secure method that takes minimum of time. The word VOTE means to choose from a list, to elect or to determine. The main goal of voting (in a scenario involving the citizens of a given country) is to come up with leaders of the people's choice. Most countries, India not an exception have problems when it comes to voting. Some of the problems involved include ridging votes during election, insecure or inaccessible polling stations, inadequate polling materials and also inexperienced personnel.

3. INTRODUCTION:

Problem definition

The existing manual Voting system consumes more time for Vote Casting. Voter has to wait for vote polling station to vote for a right candidate. The election officers has to be check the voter, this voter can vote and then check voter ID present in voters list of both those are information will be present then the voter can vote in that booth. It is very hard to locate a particular candidates, some voters cast their votes for all candidates. To overcome of all these problems we have to implement a web application, which is helpful for Voting from any where.

4. SCOPE:

It mainly focuses on voting right online without any difficulty. However, the existing system focuses on people vote to count, for fairness in the elective positions. It follows less efforts, less labor intensive as primary cost and focuses on creating, managing, and running a secure web voting portal. Increasing numbers of voters as individual will find it easier and more convenient to vote. Its work explicitly mention voting from remote poll sites, their work is nonetheless relevant to any effort at designing voting system.

5. SPECIFIC REQUIRMENTS:

Hardware Interface

- RAM: 4GB
- Hard Disk: 1TB
- Speed: 1.1GHz

Software Interface

- Operating System: Windows 11
- Back-End: MySQL and PHP
- Front-End: HTML, CSS and Bootstrap
- Type: Web Application.

6. THEORY OF SOFTWERE USED

- **MYSQL:**

  It is the world's most popular open source database. It is a Relational Database Management System (RDBMS) - data and it's relationships are stored in the form of tables that can be accessed by the use of MYSQL queries in almost any format that the user wants.

- **HTML(Hyper Text Markup Language):**

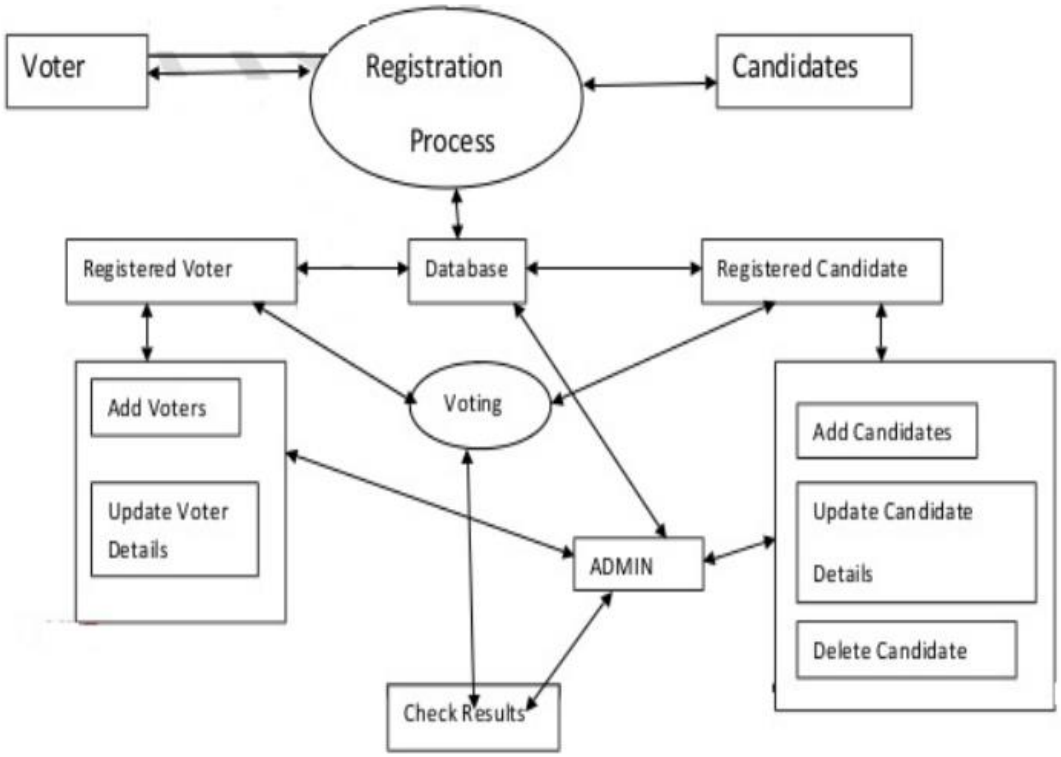
  HTML refers to the Hypertext Markup Language. HTML is used to create webpages. It uses many tags to make a webpage. So it is a tag based language. The tags of HTML are surrounded by angular bracket. It can use wide ranges of colors, objects and layouts. Very useful for beginners in web designing field.

- **CSS (Cascading Style Sheet):**
  CSS is a style sheet language used for describing the look and formatting of a document written in a markup language While most often used to style web pages and interfaces written in HTML and XHTML, the language can be applied to any kind of XML document. One of the favored features is its ability to allow the sorting of document content written in markup languages (like HTML) from document presentation written in CSS.

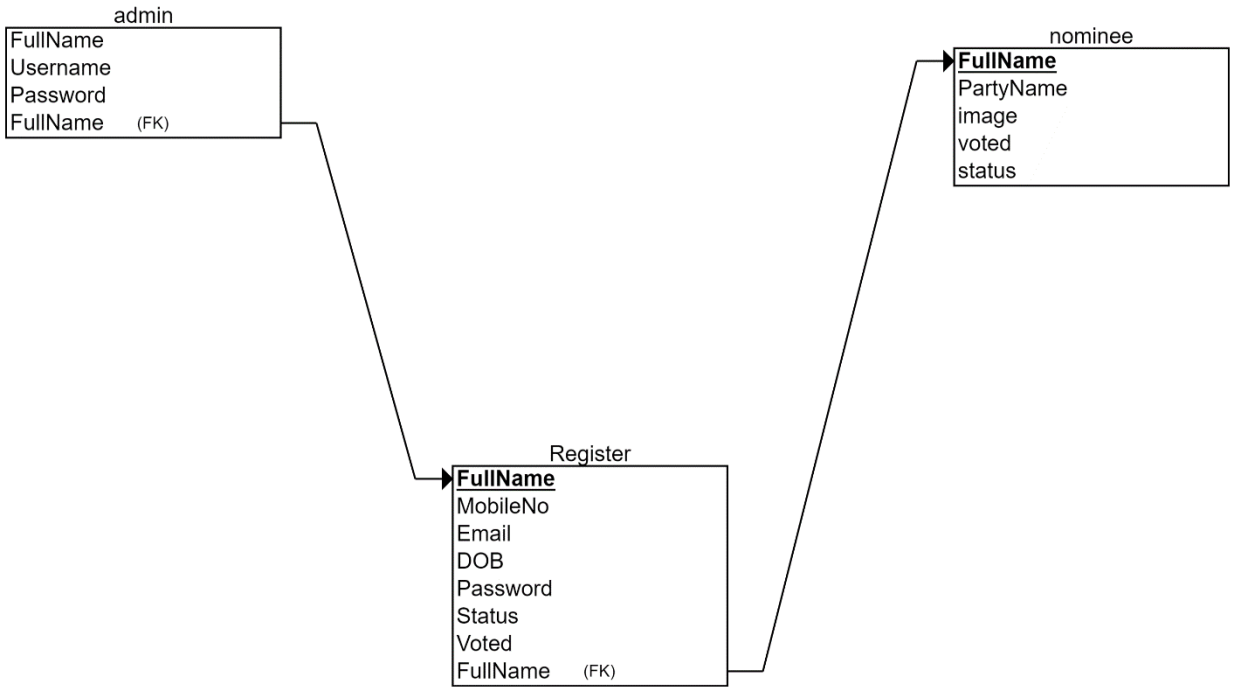
- **PHP:**
  PHP is a server side scripting language that is embedded in HTML. It is used to manage dynamic content, databases, session tracking, even build entire e-commerce sites. It is integrated with a number of popular databases, including MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server.

- **Bootstrap:**
  Bootstrap is a free, open source front-end development framework for the creation of websites and web apps. Designed to enable responsive development of mobile-first websites, Bootstrap provides a collection of syntax for template designs.

7. ER DIAGRAM:


Voter
Registration
Process
Candidates
Registered Voter
Database
Registered Candidate
Add Voters
Update Voter
Details
Voting
ADMIN
Add Candidates
Update Candidate
Details
Delete Candidate
Check Results

8. SCHEMA DIAGRAM:



9. DATABASE TABLE FORMAT:

Table: admin

Full Name	Username	Password
ajay	ajay@admin.com	admin
kushal	kushal@admin.com	admin

Table: nominee

FullName	PartyName	Image	Votes	Status
Apple	SWIFT	ios.png	2	ON
C	microsoft	microsoft.png	1	OFF
C/C++	linux	linux.jpg	0	OFF
JAVA	android	android1.png	0	OFF

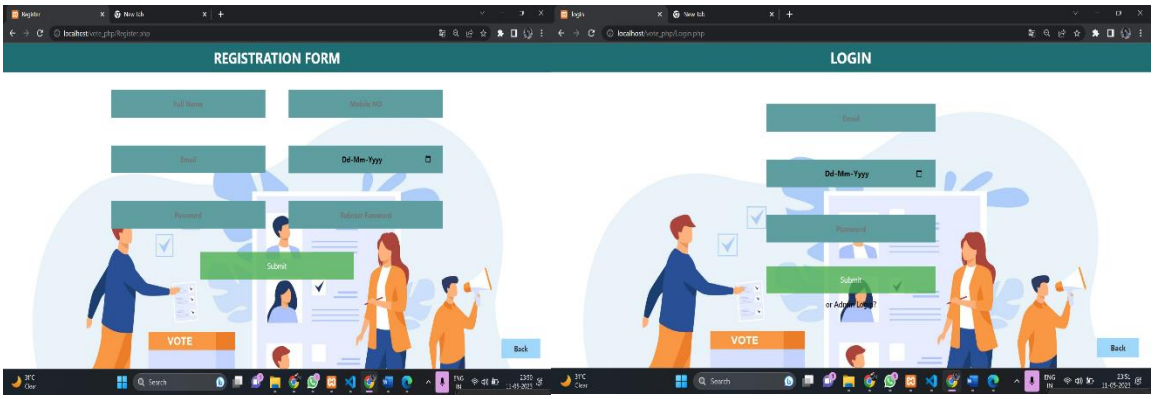
Table: register

FullName	MobileNo	Email	DOB	Password	Status	Voted
anurag	9322742571	anurag@gmail.com	2002-12-25	anurag	ON	YES
sanika	8805822127	sanika@gmail.com	2002-12-25	sanika	ON	YES

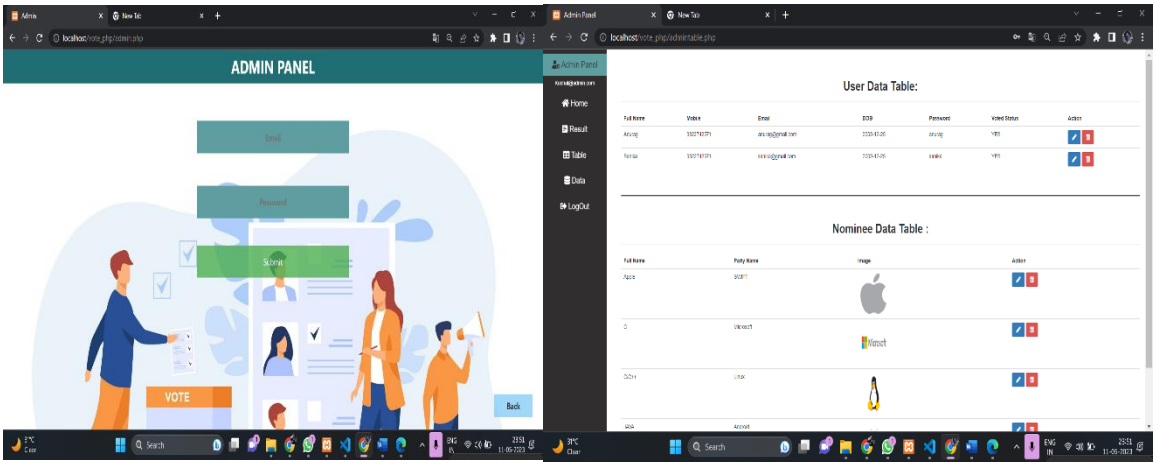
10.OUTPUT SCREEN:

10.1 Front Page

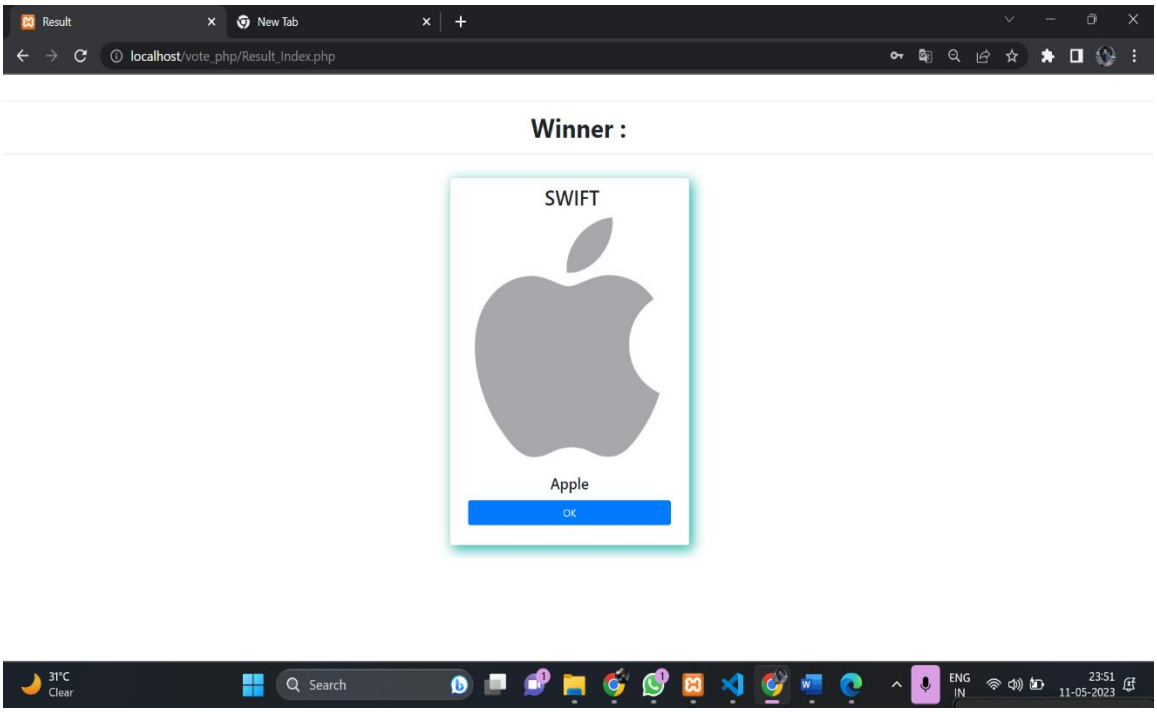
10.2 Registration Form and Login



10.3 Admin Panel

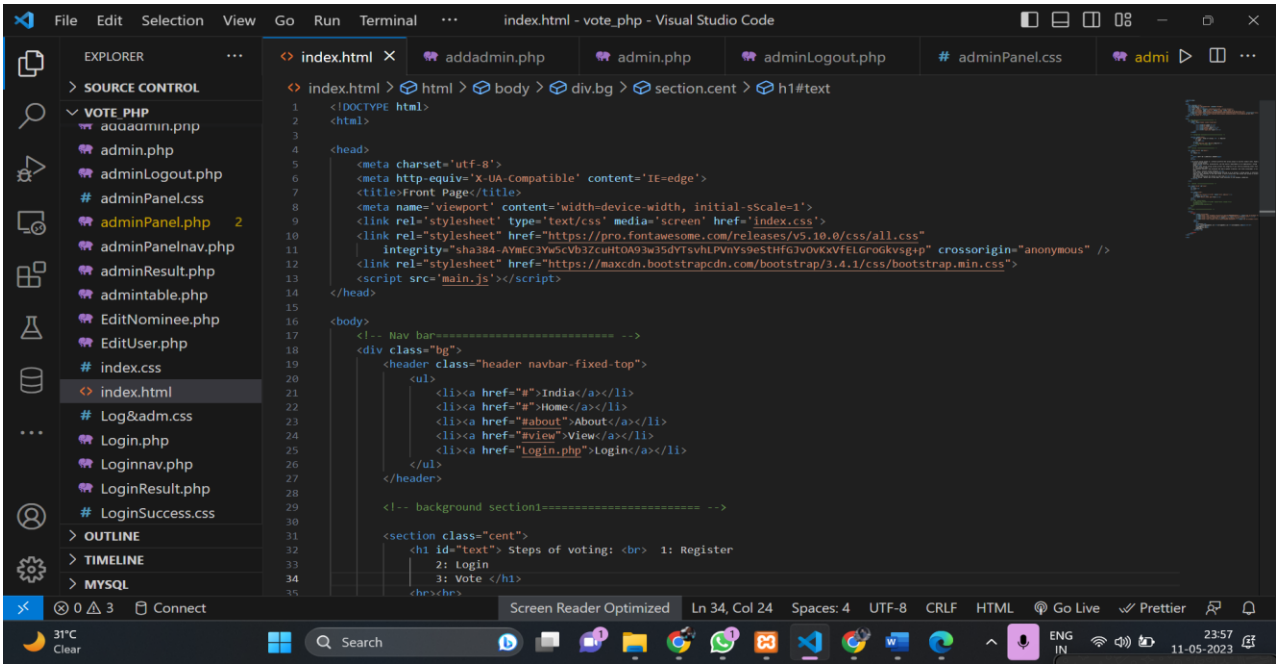


10.4 Result

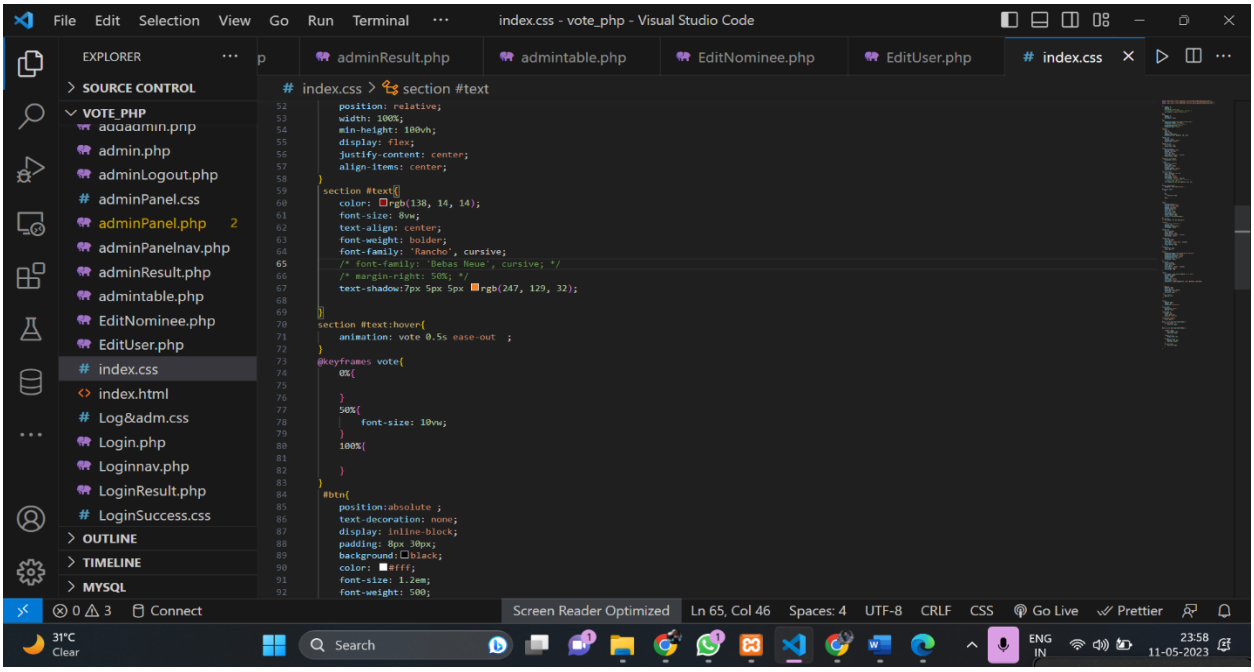


11.SAMPLE CODE:

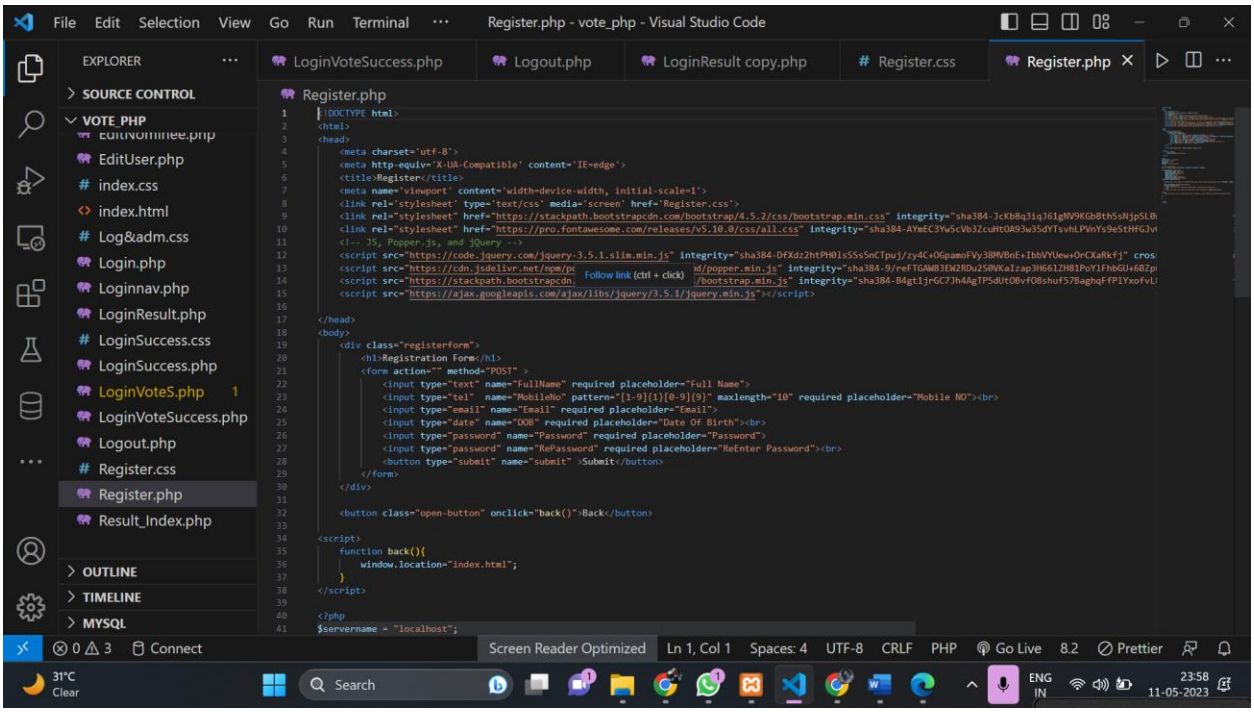
11.1 index.html



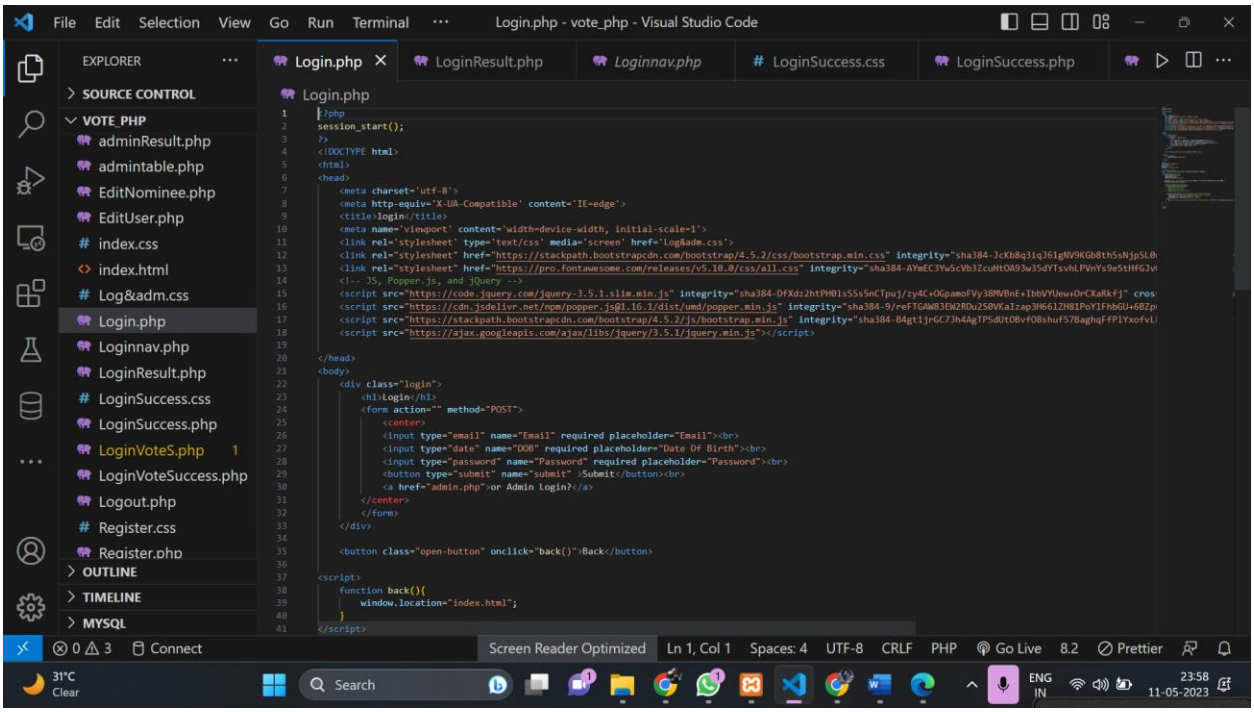
11.2 index.css



11.3 Register.php



11.4 Login.php



12.CONCLUSION:

The online Voting system will manage the Voter's information by which voter can login and use his voting rights. The system will incorporate all features of voting system. It provides the tools for maintaining voter's vote to every party and it count total no. of every party. Information on the database and when he/she want to vote he/she has to login by his id and password and can vote to any party only single time. Voting detail store in database and the result is displayed by calculation. By online voting system percentage of voting is increases. It is very easy to use and it is very less time consuming. It is very easy to debug. The traditional method of manual voting system has few drawbacks. This method is obviously not efficient as it wastes the voter's energy and quite slow in term of completion. This smart system involves the voter's can cast their vote easily, and can be implemented to the entire India.

13.REFERENCES:

[1] https://www.w3schools.com

[2] localhost / 127.0.0.1 | phpMyAdmin 5.2.1

[3] http://localhost/vote_php/

[4] https://en.wikipedia.org/wiki/Electronic_voting