

<<ONLINE VOTING SYSTEM >>

A Mini Project Report

Submitted by

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ABSTRACT

An online voting system for Indian election is proposed for the first time in this paper. The proposed model has a greater security in the sense that voter high security password is confirmed before the vote is accepted in the main database of Election Commission of India. The additional feature of the model is that the voter can confirm if his/her vote has gone to correct candidate/party. In this model a person can also vote from outside of his/her allotted constituency or from his/her preferred location. In the proposed system the tallying of the votes will be done automatically, thus saving a huge time and enabling Election Commissioner of India to announce the result within a very short period.

HARDWARE AND SOFTWARE REQUIREMENTS

Hardware Requirements

1. Laptop/Desktop
2. Processor: Minimum 1 GHz;
3. Ethernet connection (LAN) OR a wireless adapter (Wi-Fi)
4. Hard Drive: Minimum 32 GB;
5. Memory (RAM): Minimum 1 GB;
6. Server

Software Requirements

1. Operating System :windows,macos,linux,etc.
2. Text/html editor: notepad,visual studio,etc.
3. Front-end: (CSS,HTML,JavaScript)
4. Web browsers: chrome, edge, bing etc.

PROJECT MODULE

Modules of online voting system:

The system is made of a combination of modules that work in collaboration with each other and make it beneficial to accomplish the main aim of the scheme.

- **Admin Login**

This is the module in which the user may give the specifications required to login the page. Admin Login which will be handled by Election Commission. Candidate Login which will be handled By Candidate, Voters will get Unique ID and Password, Using which they can vote for a Candidate only once per Election.

- **Candidate Document Verification.**

Candidate details and verify the documents, only after verifying Candidate's ID and Password will be generated, and can remove faulty accounts. The software system allows Voters to view a list of Candidates in their area.

- **Voters Login**

Online Election System would have Candidate registration, document verification, auto-generated User ID and pass for candidate and Voters. The project is beneficial for Election Commission, Voters as they can get to know the candidate background and choose wisely, and even for Candidate. The software system allows the Candidate to login in to their profiles and upload all their details including their previous milestone onto the system.

CODE

Frames-

```
frame1.html - Notepad
File Edit View

<html>
<head>
<title>frame-1</title>
</head>
<frameset>
<frameset rows="20%,80%">
<frame src="top.html" name="top">
<frame src="bottom.html" name="bottom" >
</frameset>
</html>
```

First page-

```
a1.html - Notepad
File Edit View

<!DOCTYPE html>
<html>
<head>
<title>a1</title>
</head>
<body bgcolor="grey"><br>

<br />
<center>
<a href="home.html"><font color="red" size="5">
HOME</a>
<a target="bottom" href="login.html"><font color="green" size="5">
LOGIN</a>
<a target="bottom" href="registration.html"><font color="green" size="5">
REGISTER</a>
<a target="bottom" href="votinglist.html"><font color="purple" size="5">
VOTING LIST</a>
<a target="bottom" href="rules.html"><font color="blue" size="5">
RULES AND REGULATIONS</a>
</body>
</html>
```

Home page-

```
a2.html - Notepad
File Edit View

<html>
<head>
<title>a2</title>
</head>
<body background="C:\Users\asus\Downloads\download.jpeg" style="background-repeat:no-repeat;background-size=100%100%">
<br><br><br>
<center>
<fieldset style="width=40%" border>
<font color="black" size="50"><b>VOTE INDIA VOTE</b></font>
<p>
India is the largest democratic country. It is a big country divided into 29 states and 7 union territories.<br />
These states and union territories have been created so that the government can run the country more easily.<br />
India also has many different kinds of physical features in different parts of the country that are spread over its states and union territories.<br />
India is a very diverse country as well, which means that the people around the country are different in many ways.<br />
Even though India is such a diverse place, it is united as one country.
The term 'secularism' is followed in the democratic state of India, where all the citizens are treated equally.<br />
A political party is a group of people who want to achieve common goals and control the government by winning elections and exercising political powers.<br />
India has a multi-party system. It has a huge population. Thus, the size of the huge electorate mandates the elections be conducted in number of phases.<br />
Election is a huge process which starts a month before the election date.</p>

</center>
</body>
</html>
```

Registration page-

```
registration.html - Notepad
File Edit View

<html>
<head>
<title>a4</title>
<body bgcolor="grey">
<style>
.required:after{
content:"*";
color:red;
}
</style>
</head>
<body bgcolor="grey">
<h1 align="center" style="color:black;font-size:30px">Registration Form</h1>
<form action="next.html" method="post">
<p>
First Name(Minimum 6 characters)<br><input type="text" required><br><br>
Last Name<br><input type="text" required><br><br>
Email Address<br><input type="email" required>
<p style="color:orange;">e.g. someone@gmail.com</p>
Address<br>
<textarea>
</textarea><br><br>
Mobile No:<br><input type="number" required><br><br>
City:<br><input type="text" required><br><br>
Pincode:<br><input type="number" required><br><br>
State:<br><input type="text" required><br><br>
DOB:<br><input type="date" required><br><br>
</p>
<table border=0 width=18%>
<tr>
<td align="left"><button>Submit</button></td>
<td align="left"><button>Reset</button></td>
</tr>
</table>
</form>
</body>
</html>

Ln 1, Col 1
```

```
next.html - Notepad
File Edit View

<html>
<head>
<title>a5</title>
</head>
<body bgcolor="grey">
<p>Congrats you are eligible</p>
</body>
</html>
```

Login page-

```
login.html - Notepad
File Edit View

<html>
<head>
<title>a3</title>
</head>
<body bgcolor="grey">
<center><h1 style="color:black;font-size:30px;">LOGIN PAGE</h1>
<form action="welcome.html" method="post">
<p>
<strong>
Username:<input type="text">
<br>
<br>
Password:<input type="password">
</strong>
</p>
<table border=0 width=18%>
<tr>
<td align="left"><button>Submit</button></td>
<td align="left"><button>Reset</button></td>
</tr>
</table>
</form>
</center>
</body>
</html>
```

```
welcome.html - Notepad
File Edit View

<html>
<head>
<title>a8</title>
</head>
<body bgcolor="grey">
<p>WELCOME TO ONLINE VOTING SYSTEM</p>
</body>
</html>
```

To-vote page-

```
votinglist.html - Notepad
File Edit View

<html>
<head>
<title>a6</title>
</head>
<body bgcolor="grey">
<h1 align="center" style="color:black;font-size:30px">Voting list</h1>
<h3>Elections:</h3>
<p>Parties for voting:<br />
Kindly select one of the following to vote:</p>
<ol>
<li>
<br />Bharatiya Janata Party
<table border="0" width="18%">
<tr>
<td align="left"><button>Submit</button></td>
</tr>
</table></li>
<li>
<br />Congress Party
<table border="0" width="18%">
<tr>
<td align="left"><button>Submit</button></td>
</tr>
</table></li>
<li>
<br />Others
<table border="0" width="18%">
<tr>
<td align="left"><button>Submit</button></td>
</tr>
</table></li>
</ol>
<form action="voted.html" method="post">
</form>
```

```
voted.html - Notepad
File Edit View

<html>
<head>
<title>a9</title>
</head>
<body bgcolor="grey">
<p>YOU HAVE VOTED</p>
</body>
</html>
```

Rules and regulations page-

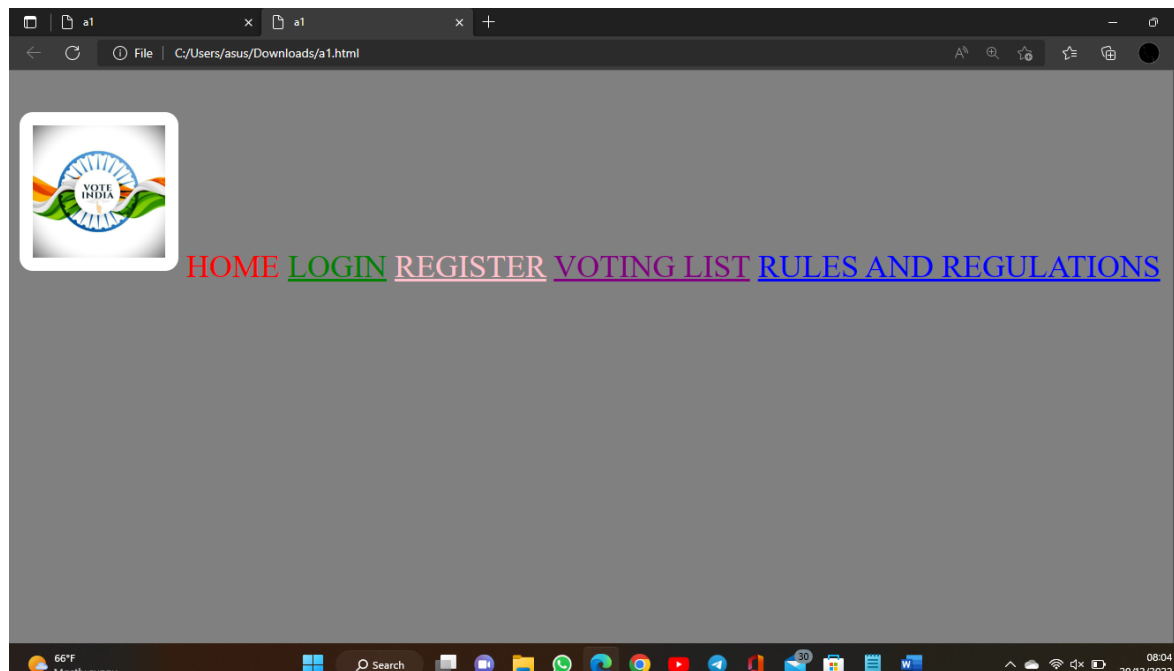
```
rules.html - Notepad
File Edit View

<html>
<head>
<title>a7</title>
</head>
<body bgcolor="grey">
<h1>Rules and Regulations</h1>
<p><ul>
<li>Only those are 18 years of age are eligible to vote.</li>
<li>The voting administrators must not disclose any information about the identity of the voters or any other information <br />
which isn't contained in the published voting results.</li>
<li>An online voting is initiated by a voting proposal followed by a discussion period. After the discussion period the voting period is started.<br />
The voting is finished by calculating and publishing the voting results.<br />
Results of online votes are effective immediately following publication of the results unless otherwise stated in the voting proposal.</li>
<li>During the voting period the active members cast their votes. Only votes cast within the voting period are considered for the results of the voting.</li>
<li>After the voting period all cast votes are counted and the results of the voting are published.</li>
<li>Online votes are anonymous. The information which members participated in the vote and for which option they voted aren't disclosed. <br />
The voting administrators are allowed to track this information for technically executing the vote.<br />
The information mustn't be used for other purposes and mustn't be made available to any other people.</li>
</ul>
<center>

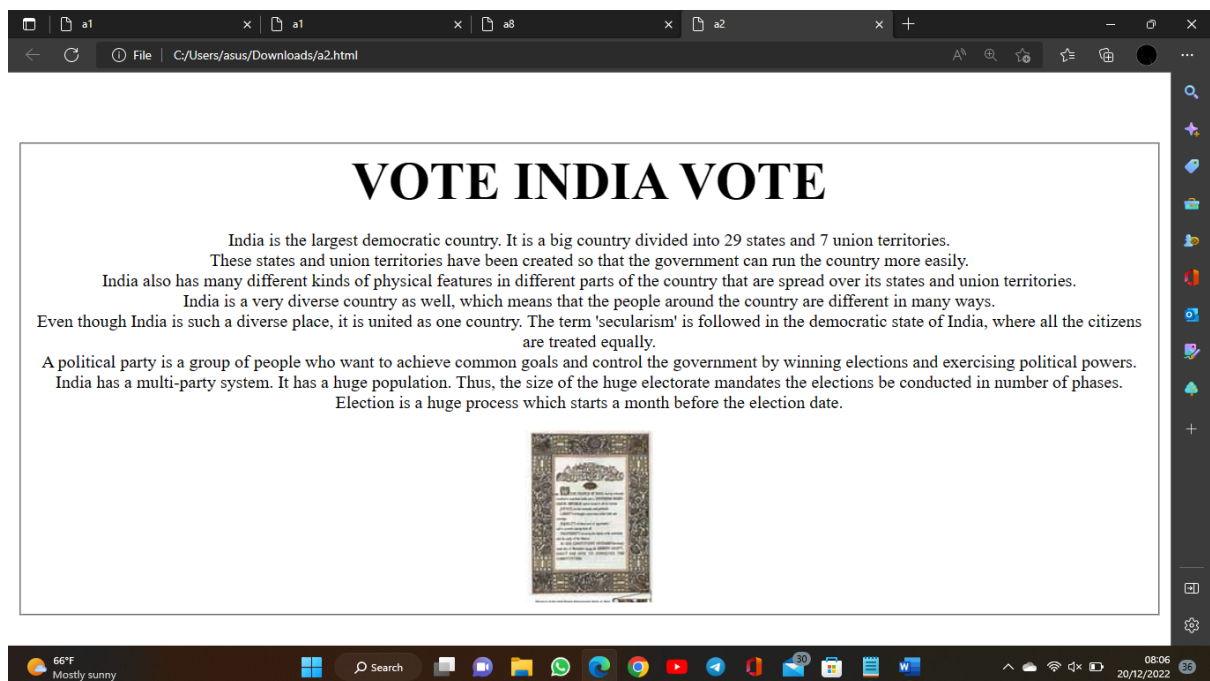
</center>
</body>
</html>
```


OUTPUTS

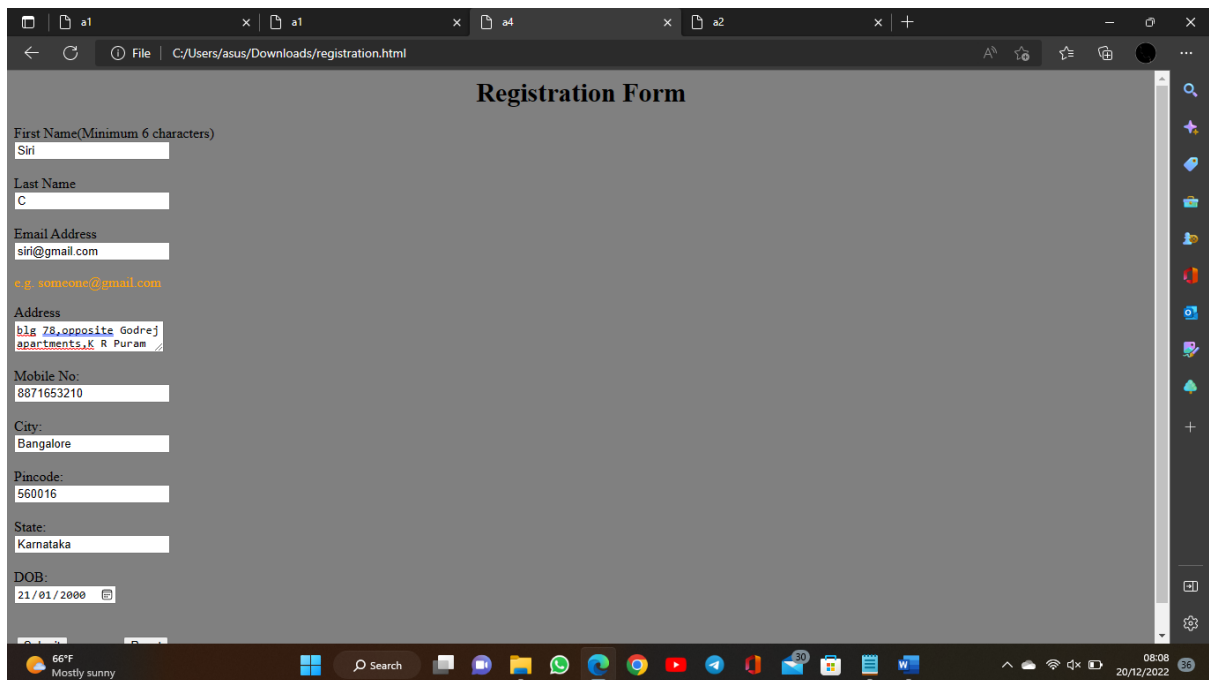
First page-



Home page-



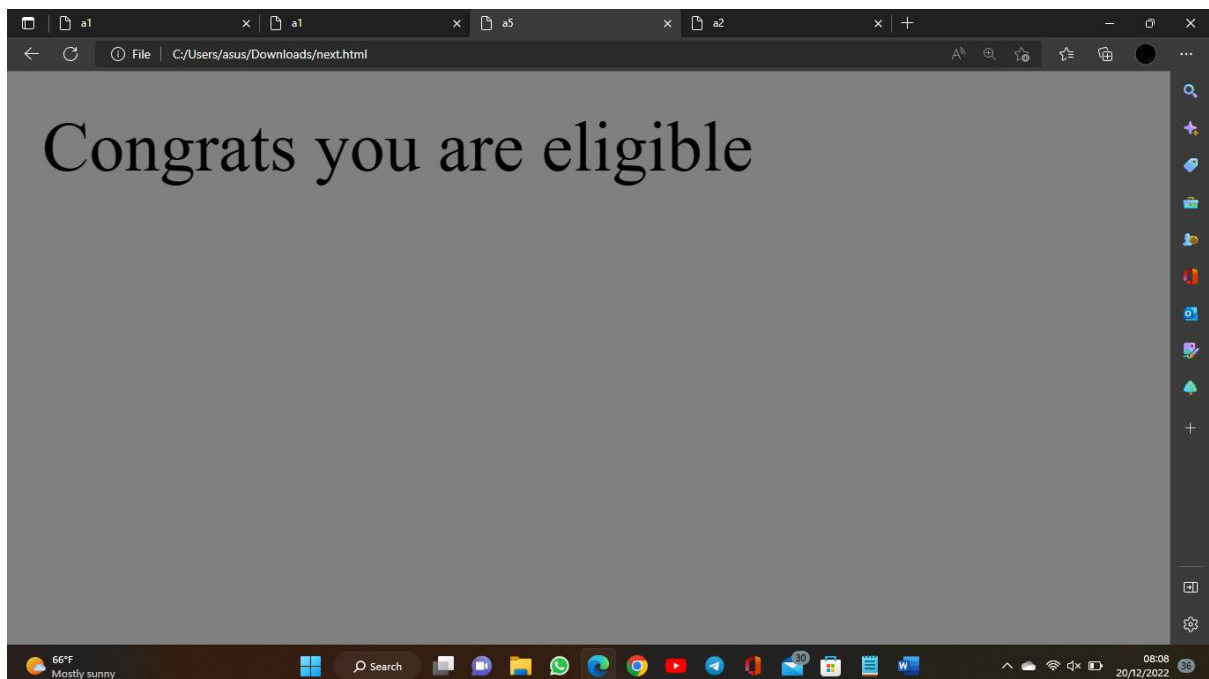
Registration page-



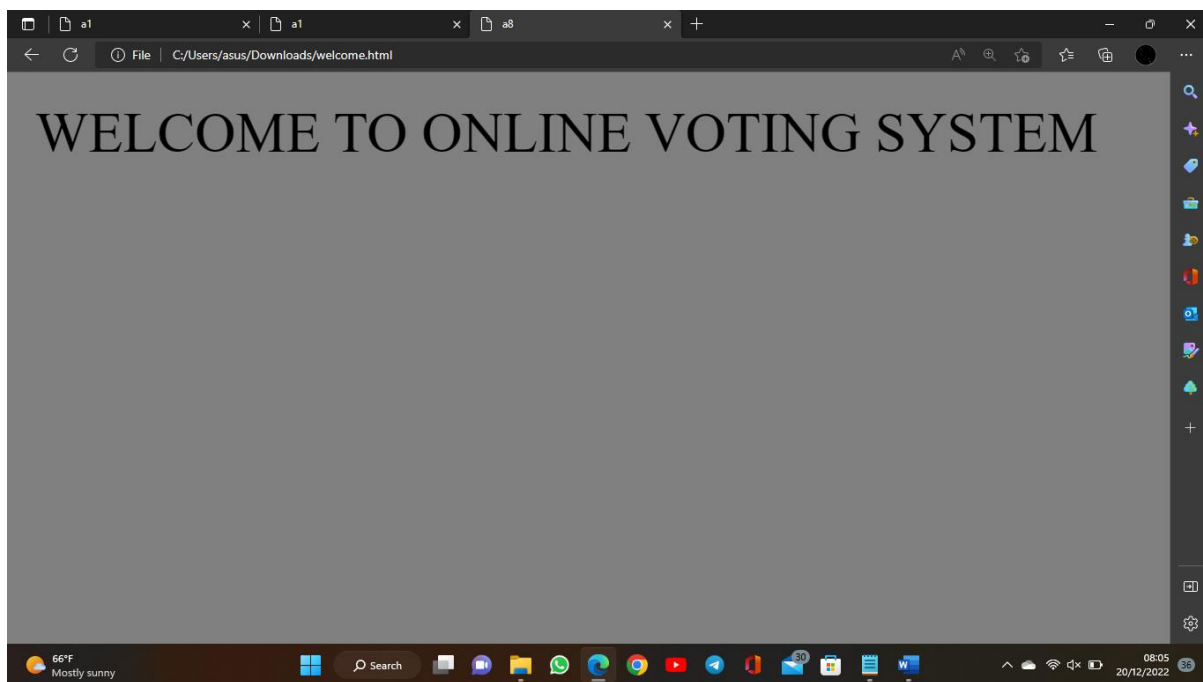
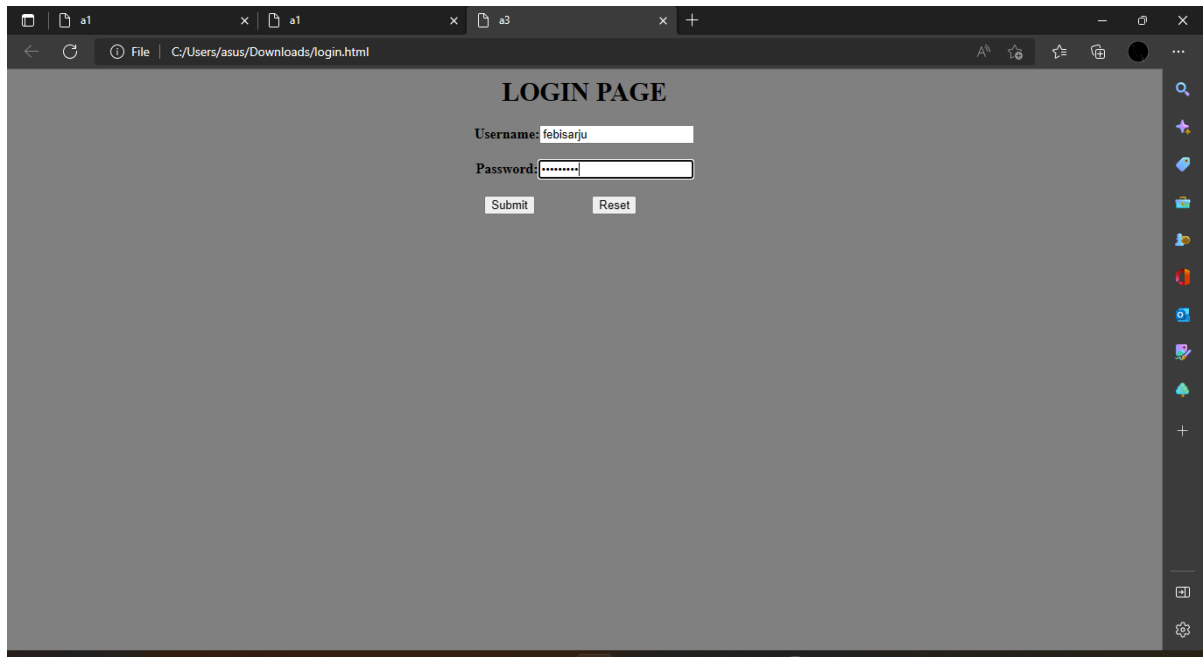
The screenshot shows a web browser window with the address bar displaying 'C:/Users/asus/Downloads/registration.html'. The page title is 'Registration Form'. The form contains the following fields and values:

- First Name(Minimum 6 characters): Siri
- Last Name: C
- Email Address: siri@gmail.com
- e.g. someone@gmail.com
- Address: bldg 78, opposite Godrej apartments, K R Puram
- Mobile No: 8871653210
- City: Bangalore
- Pincode: 560016
- State: Karnataka
- DOB: 21/01/2000

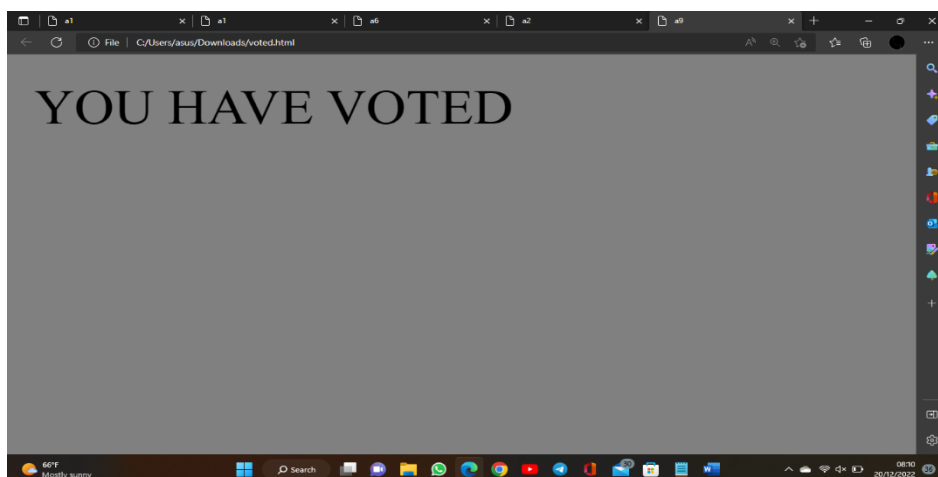
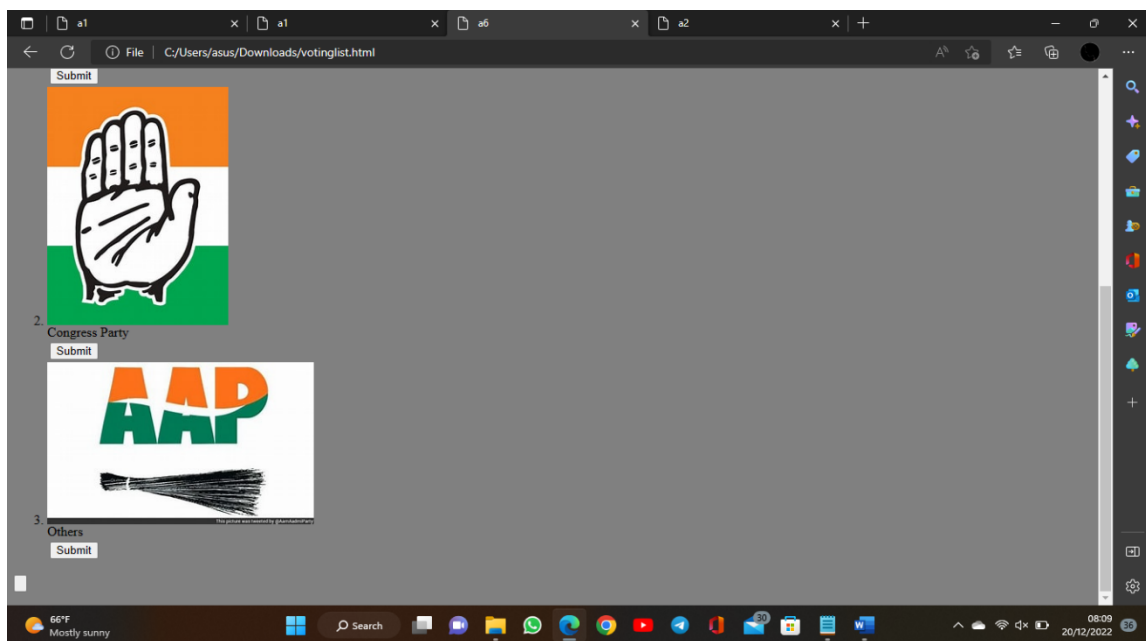
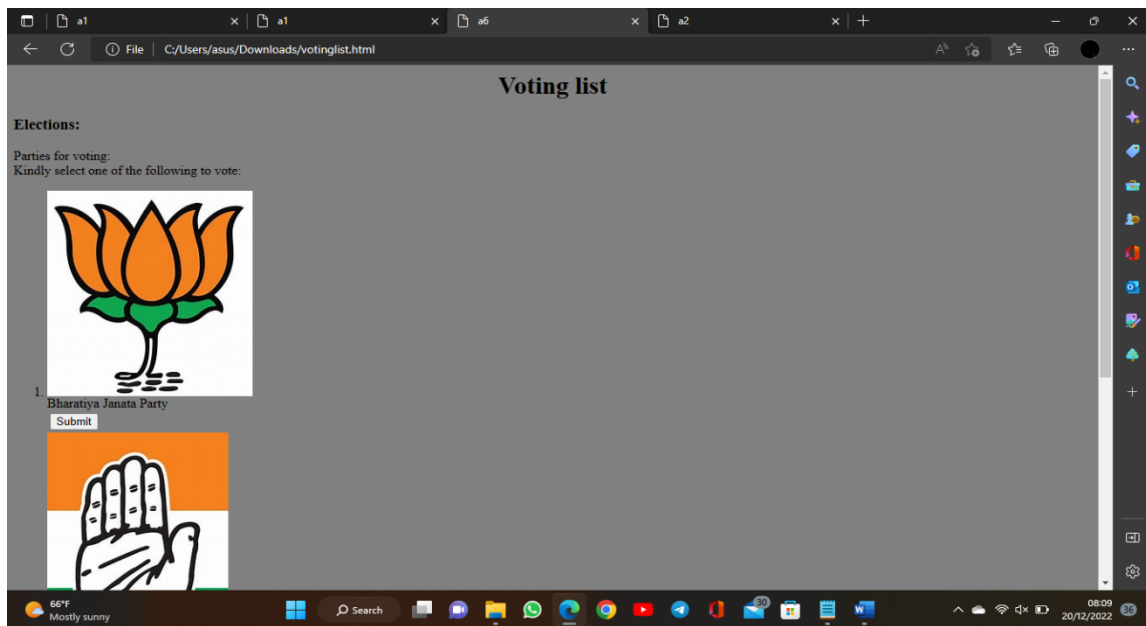
The Windows taskbar at the bottom shows the date as 20/12/2022 and the time as 08:08.



Login page-



To-vote page-



Rules and regulations page-

