INTRODUCTION

1.1 Background

This project by the name Digital voting System is developed to eliminate the inconveniences faced by Citizens, like tedious task of offline voting system where they need go for particular places specially migrants. This software also provides a integrated portal, where the candidate can be filed nomination in short period of time.

Identification of the problems of existing voting management leads to the development of computerized solution that will be compatible with the existing Election Management System with the solution which is more user friendly and more GUI oriented. We can improve the efficiency of Election management, thus overcome the drawbacks of the existing systems.

1.2 Backend: MySQL

Introduction to MySQL

MySQL is an Open Source, high performance, feature-rich relational database management software, which has been used in various environments.

 MySQL operates using client/server architecture in which the server runs on the machine containing the databases of clients connect to the server over a network. The server operating systems is usually a Linux (like red hot 9.0 etc.) or Windows 2000 operating system. Typically MySQL is supported on Windows XP, Windows server 2003, Red Hat Fedora Linux and Debian Linux and others. As with any other client server application, MySQL is a multiuser database system, meaning several users can access the database simultaneously.

1.3 Advantages of MySQL

- Widely adopted

- Great performance

- Easy to use

- Open Source Software

- Data Security

- Complete workflow control

- On-Demand scalability

1.4 Introduction to PHP

PHP: Hypertext Preprocessor (or simply PHP) is a server-side scripting language designed for Web development, and also used as a general-purpose programming language. It was originally created by Rasmus Lerdorf in 1994 the PHP reference implementation is now produced by The PHP Group. PHP originally stood for Personal Home Page, but it now stands for the recursive initialism PHP: Hypertext Preprocessor.

The standard PHP interpreter, powered by the Zend Engine, is free software released under the PHP License. PHP has been widely ported and can be deployed on most web servers on almost every operating system and platform, free of charge.

PHP code may be embedded into HTML code, or it can be used in combination with various web template systems, web content management systems, and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in the web server or as a Common Gateway Interface (CGI) executable.

1.5 Advantages of PHP

° Easy Integration with HTML/CSS

° Extremely Flexible Platform Independent

° Easy and Simple to Learn

° Efficient Performance

° Secure

° Gives Web Developer More Control

° Cross Browser Compatibility

1.6 Introduction to HTML

Hypertext Markup Language (HTML) is the standard markup language for creating web pages and web applications. With Cascading Style Sheets (CSS) and JavaScript, it forms a triad of cornerstone technologies for the World Wide Web.

Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by tags, written using angle brackets. Tags such as directly introduce content

`<img />` and `<input />` into the page. Other tags such

`<p>` as surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to interpret the content of the page.

1.7 Advantages of HTML

- It's widely used.
- Every browser supports HTML language.
- Easy to learn and use.
- It is by default in every OS so you don't need to purchase extra software.
- Faster downloads because text is compressible.

Chapter-02

REQUIREMENT SPECIFICATION

2.1 Software Requirements

Operating System

- Windows

Operating System Type

- 64-bit

Front End

- PhpMyAdmin, XAMPP, HTML, PHP,CSS

Web Browsers

- Chrome

2.2 Hardware Requirements

Processor:

Intel® Pentium® CPU N3710 @ 1.60Hz*4

Graphics:

Intel® HD Graphics405(Braswell)

Memory:

3.8GB **Disk:**

74.8GB **RAM:**

4GB or more

2.3 Functional Requirements

This section describes the Functional Requirement of the system for those requirements which are expressed in the natural language style. A faculty member should be able to login to the system through the first page of the application and mention his/her **USERNAME** and the **PASSWORD** are expected to get the desired details. An Administrator can login into his/her account and they will update the student information.

2.4 Non-Functional Requirements

➢ Usability :

   We get the response within seconds

➢ Reliability:

   The system is more reliable because of the qualities that are inherited from the chosen platform.

➢ Supportability :

   The system is designed to be the cross platform supportable. The system is supported on a wide range of Hardware and any Software platform

➢ Implementation :

   The system is implemented in web environment. The apache tomcat is used as the web server and windows Xp professional is used as the platform

➢ Interface :

   The user interface is based on the web browser. The application is developed using php and html along with html.
   The interface design is aimed at a flexible front-end communication to provide the user clear information in navigating a user friendly interfaces planned.

Chapter-03

DESIGN
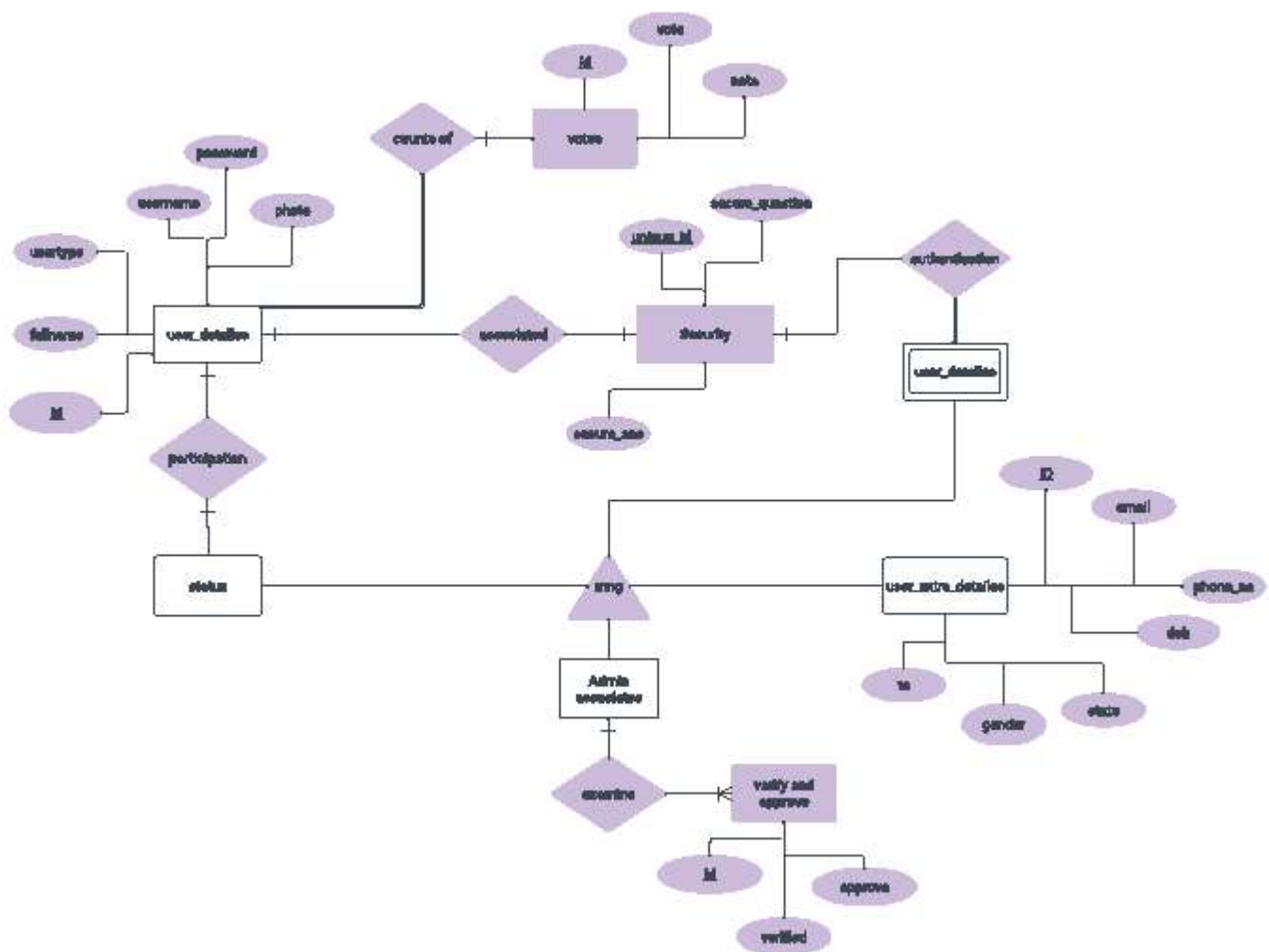
3.1 ER-Diagram

Fig 3.1 ER-Diagram of Digital Voting Management System
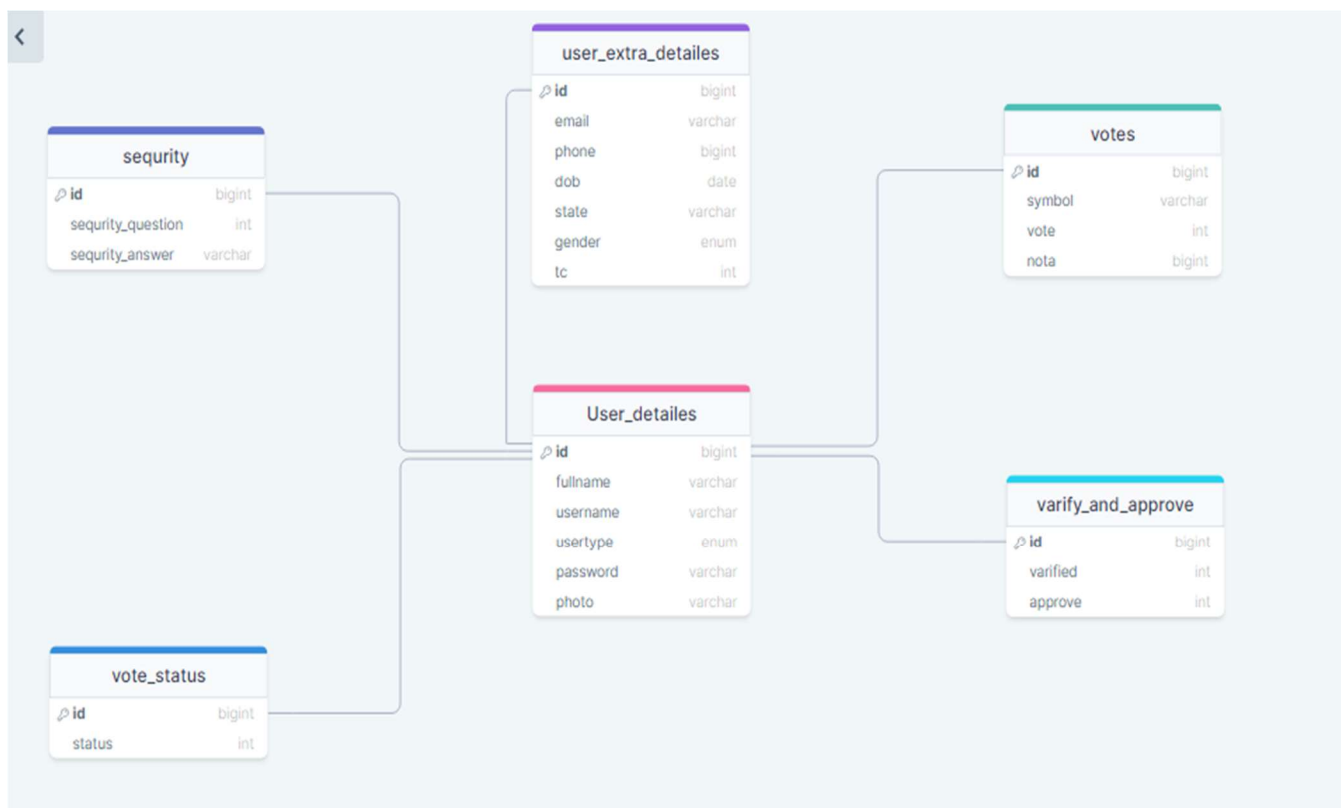
3.2 Schema Diagram

Fig 3.2 schema of Digital Voting Management System

IMPLEMENTATION

This chapter is to show the code involved in the creation of frontend interfaces and the code responsible for connecting these interfaces and the underlying database.

4.1 PHP/HTML/CSS (Front end)

PHP code to connect to Backend:

```php
<?php
//domain name,username,password,database_name
$domain_name="localhost";
$username="root";
$password="";
$database_name="voting_db";
$connect=mysqli_connect($domain_name,$username,$password,"$database_name");
if(!$connect){
   die(mysqli_error($connect));
}
?>
```

4.1.1 Home Page:
4.1.1.1 Front end:

```html
<!DOCTYPE html>
<html>

<head>
   <meta name="viewport" content="width=device-width, initial-scale=1">
   <link rel="stylesheet" href="./styling/index.css" />
   <script scr="./js_script/autoslite.js"></script>

   <title>DashBoard</title>

</head>

<body>

   <h1>DIGITAL E-VOTING</h1>

   <div class="overview">
      <div class="slideshow-container">
```

```html
<div class="mySlides fade">
    <img src="./resources/images/growthindia.jpg" alt="img1">
</div>
<div class="mySlides fade">
    <img src="./resources/images/randpic5.jpeg" alt="img1">
</div>
<div class="mySlides fade">
    <img src="./resources/images/randpic3.jpeg" alt="img1">
</div>
<div class="mySlides fade">
    <img src="./resources/images/randpic4.jpeg" alt="img1">
</div>
<div class="mySlides fade">
    <img src="./resources/images/evote.jpeg" alt="img1">
</div>
<div class="mySlides fade">
    <img src="./resources/images/ranpics.jpeg" alt="img1">
</div>
<div class="mySlides fade">
    <img src="./resources/images/randpic2.jpeg" alt="img1">
</div>
<div class="mySlides fade">
    <img src="./resources/images/randpic4.jpeg" alt="img1">
</div>
<div class="mySlides fade">
    <img src="./resources/images/bg2.jpeg" alt="img1">
</div>


<br>

<div style="text-align:center">
    <span class="dot"></span>
    <span class="dot"></span>
    <span class="dot"></span>
    <span class="dot"></span>
    <span class="dot"></span>
    <span class="dot"></span>
    <span class="dot"></span>
    <span class="dot"></span>
    <span class="dot"></span>
</div>
    </div>
</div>

<div class="notification">
    <marquee><a href="#">Genera board Elections date reasing soon</a></marquee>
```

```html
<marquee><a href="./partials/login.html">Applicatin for new voter Enrollment</a></marquee>
<marquee><a href="./partials/login.html">Applicatin for Nomination has released</a></marquee>
<marquee><a href="">Latest Election UPDATES and NEWS</a></marquee>
<marquee><a href=""></a></marquee>
</div>


<div class="votingResult">

</div>
<script>
  let slideIndex = 0;
  showSlides();

  function showSlides() {
    let i;
    let slides = document.getElementsByClassName("mySlides");
    let dots = document.getElementsByClassName("dot");
    for (i = 0; i < slides.length; i++) {
      slides[i].style.display = "none";
    }
    slideIndex++;
    if (slideIndex > slides.length) { slideIndex = 1 }
    for (i = 0; i < dots.length; i++) {
      dots[i].className = dots[i].className.replace(" active", "");
    }
    slides[slideIndex - 1].style.display = "block";
    dots[slideIndex - 1].className += " active";
    setTimeout(showSlides, 2000); // Change image every 2 seconds
  }
</script>
<?php

include('./actions/connect.php');
$sqln="select ud.id,ud.fullname,ud.username,ud.usertype,ud.password,
ud.photo,ued.email,ued.phone,ued.dob,ued.state,ued.gender,ued.tc,
s.sequrity_question,s.sequrity_answer,vs.status,v.symbol,v.vote,
v.nota,va.varified,va.approve from user_detailes ud,user_extra_detailes ued,
sequrity s,vote_status vs,votes v,varify_and_approve va where ud.id=ued.id
and ud.id=s.id and ud.id=vs.id and ud.id=v.id and ud.id=va.id and ud.usertype='nominee';";
$nomineedata=mysqli_query($connect,$sqln);
if(mysqli_num_rows($nomineedata)>0){
  $nomineedata=mysqli_fetch_all($nomineedata,MYSQLI_ASSOC);
  $_SESSION['$nomineedata']=$nomineedata;
}
$nomineedata=$_SESSION['$nomineedata'];
?>
```

```php
<table class="table table-bordered table-secondary table-lg">
    <thead><h4 class="display-6"> LIVE VOTING RESULTS</h4></thead>
        <th>
            <tr>
                <td>Candidates</td>
                <td> Symbols</td>
                <td>Votes</td>
            </tr>
        </th>
    <tbody>
        <tr>
            <?php
             if(isset($_SESSION['$nomineedata'])){
                  $nomineedata=$_SESSION['$nomineedata'] ;
                  for($i=0;$i<count($nomineedata);$i++){
             ?>


            <td><?php echo $nomineedata[$i]['fullname'] ?></td>
            <td> <img class="small-img" src="./uploads/profiles/<?php echo
$nomineedata[$i]['photo'] ?>" alt="Group image1"></td>
            <td>
                <?php echo $nomineedata[$i]['vote'] ?>
            </td>
        </tr>
    <?php
        }
    ?>


                <tr>

                    <td>NOTA</td>
                    <td><img class="redused-img" src="https://i1.wp.com/factly.in/wp-
content/uploads//2017/08/Congress-protesting-use-of-NOTA_factly.jpg?resize=768%2C429&ssl=1"
alt="nota"></td>
                    <td>
                        <?php
                        $SQL="select sum(nota) as total from votes;";
                        $nota_count=mysqli_query($connect,$SQL);
                        if(mysqli_num_rows($nota_count)>0){
            $nota_count=mysqli_fetch_all($nota_count,MYSQLI_ASSOC);
          print_r($nota_count[0]['total']);}
        ?>
                    </td>
                </tr>
                    <?php
                        }else{
                        ?>
```

```
<div class="container">
<p>No Candidates to display</p>
</div>
<?php
        }
?>
</tbody>

</table>
</body>
</html>
```

4.1.2   Login Page:
4.1.2.1 Front end:
```
<html lang="es">

<head>
 <meta charset="UTF-8" />
 <meta name="viewport" content="width=device-width, initial-scale=1.0" />
 <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.2/css/all.min.css"
   integrity="sha512-
z3gLpd7yknf1YoNbCzqRKc4qyor8gaKU1qmn+CShxbuBusANI9QpRohGBreCFkKxLhei6S9CQXFE
bbKuqLg0DA=="
   crossorigin="anonymous" referrerpolicy="no-referrer" />
 <link rel="stylesheet" href="../styling/login.css" />
 <title>Login</title>
</head>

<body>
 <section>
  <div class="login-container">
   <h2>Login</h2>

    <form action="../actions/login.php" method="POST">
     <div class="input-box">
      <span class="icon">
       <i class="fa-solid fa-envelope"></i>
      </span>

      <input required type="text" name="useridentity" id="useridentity">
      <label for="useridentity">email/user_name/phone no</label>
     </div>

     <div class="input-box">
      <span class="icon">
       <i class="fa-solid fa-lock"></i>
      </span>
```

```html
        <input required type="password" name="password" id="password">
        <label for="password">password</label>
      </div>
      <div class="input-box">
        <input type="">
        <select name="usertype" id="usertype" class="usertype">
          <option value="voter">Voter</option>
          <option value="nominee">Nominee</option>
          <option value="admin">Admin</option>
        </select>
        <label for="usertype">Type of use</label>
      </div>

      <div class="remember-forgot">
        <label>
          <input name="tc" type="checkbox">
          <a href="#">terms and conditions</a>
        </label>

        <a href="../partials/cng_pass.html">forget password</a>
      </div>

      <button type="submit">login</button>
    </form>
    <p>don't you have account?</p>
    <div class="create-account">
      <a href="../partials/registration.html">Register</a>
    </div>
   </div>
  </section>
</body>

</html>
```

4.1.2.2 Back end:
```php
<?php
include('connect.php');
$useridentity=$_POST['useridentity'];
$password=$_POST['password'];
$usertype=$_POST['usertype'];
$sql="select ud.id,ud.fullname,ud.username,ud.usertype,ud.password,
ud.photo,ued.email,ued.phone,ued.dob,ued.state,ued.gender,ued.tc,
s.sequrity_question,s.sequrity_answer,vs.status,v.symbol,v.vote,
v.nota,va.varified,va.approve from user_detailes ud,user_extra_detailes ued,
sequrity s,vote_status vs,votes v,varify_and_approve va where
(ud.username='$useridentity' or  ued.email='$useridentity' or ued.phone='$useridentity')
and ud.password='$password' and ud.usertype='$usertype' and ud.id=ued.id
and ud.id=s.id and ud.id=vs.id and ud.id=v.id and ud.id=va.id;
```

```php
";

$result=mysqli_query($connect,$sql);
if(mysqli_num_rows($result)>0){
    $sql="select ud.id,ud.fullname,ud.username,ud.usertype,ud.password,
    ud.photo,ued.email,ued.phone,ued.dob,ued.state,ued.gender,ued.tc,
    s.sequrity_question,s.sequrity_answer,vs.status,v.symbol,v.vote,
    v.nota,va.varified,va.approve from user_detailes ud,user_extra_detailes ued,
    sequrity s,vote_status vs,votes v,varify_and_approve va where ud.id=ued.id
    and ud.id=s.id and ud.id=vs.id and ud.id=v.id and ud.id=va.id and ud.usertype='nominee' and
va.approve=1;";

    $resultgroup=mysqli_query($connect,$sql);
    if(mysqli_num_rows($resultgroup)>0){
        session_start();
        $nominee=mysqli_fetch_all($resultgroup,MYSQLI_ASSOC);
        $_SESSION['nominee']=$nominee;
    }
//session_start();
$data=mysqli_fetch_array($result);
$_SESSION['id']=$data['id'];
$_SESSION['status']=$data['status'];
$_SESSION['data']=$data;

if($usertype=='voter'){
    if($data['varified']==1){
echo '<script>
window.location="../partials/voterdashboard.php";
</script>';
    }else{
        echo '<script>
        alert("your voter id is not verified yet");
        window.location="../partials/login.html";
            </script>';

    }
}
elseif($usertype=='nominee'){
    echo '<script>
    window.location="../partials/nomineedashboard.php";
    </script>';
    }
else{
        echo '<script>
        window.location="../partials/admindashboard.php";
        </script>';
        }
```

```
        }else{
          echo '<script>
          alert("Invalid credentials");
          window.location="../partials/login.html";
          </script>';
        }
        ?>
```

4.1.3   Register Page:
4.1.3.1 Front end:

```html
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Registration</title>
  <link rel="stylesheet" href="../styling/registration.css" />
</head>

<body>
  <div class="container">
    <div class="content">
      <div class="logo">
        <img src="../resources/images/logo.png" alt="" class="logo" />
      </div>

      <div class="image"></div>

      <div class="text">
        Let's us build <br />
        build INDIA together
      </div>
    </div>
    <!-- registration start-->

    <div class="Registercontainer">
      <div class="title">Registration</div>
      <div class="login-account">
        <p>do you have account?</p>
        <a href="../partials/login.html">login</a>
      </div>
      <form action="../actions/register.php" method="POST" enctype="multipart/form-data">
        <div class="user__details">
          <div class="input__box">
            <span class="details">Full Name</span>
            <input type="text" name="fullname" autocomplete="on" placeholder="E.g: John Smith"
required>
```

```
        </div>
        <div class="input__box">
         <span class="details">Username</span>
         <input type="text" name="username" autocomplete="on" placeholder="johnWC98" required>
        </div>
        <div class="input__box">
         <span class="details">Email</span>
         <input type="email" name="email" autocomplete="on" placeholder="johnsmith@hotmail.com"
required>
        </div>
        <div class="input__box">
         <span class="details">Phone Number</span>
         <input type="tel" name="phone" placeholder="+91 1234567890" required autocomplete="on"
maxLength="10"
           minLength="10">
        </div>
        <div class="input__box">
         <span class="details">photo</span>
         <input type="file" name="photo" placeholder="johnsmith@hotmail.com" required>
        </div>
        <div class="input__box">
         <span class="details">D.O.B:</span>
         <input type="date" name="dob" placeholder="" required>
        </div>
        <div class="input__box">
         <span class="details">Password</span>
         <input type="password" autocomplete="off" name="password" placeholder="********"
required>
        </div>
        <div class="input__box">
         <span class="details">Confirm Password</span>
         <input type="password" name="cn_password" autocomplete="off" placeholder="********"
required>
        </div>
        <div class="input__box">
         <span class="details">Type of user</span>
         <select name="usertype" id="usertype" class="selections" required>
          <option value="voter">Voter</option>
          <option value="nominee">Nominee</option>
          <!-- <option value="admin">Admin</option>-->
         </select>
        </div>
        <div class="input__box">
         <span class="details">State</span>
         <select name="state" id="state" class="selections" required>
          <option value="Andhra Pradesh">Andhra Pradesh</option>
          <option value="Andaman and Nicobar Islands">Andaman and Nicobar Islands</option>
          <option value="Arunachal Pradesh">Arunachal Pradesh</option>
```

```html
        <option value="Assam">Assam</option>
        <option value="Bihar">Bihar</option>
        <option value="Chhattisgarh">Chhattisgarh</option>
        <option value="Chandigarh">Chandigarh</option>
        <option value="Dadra and Nagar Haveli and Daman & Diu">Dadra and Nagar Haveli and
Daman & Diu</option>
        <option value="Delhi">Delhi</option>
        <option value="Goa">Goa</option>
        <option value="Gujarat">Gujarat</option>
        <option value="Hariyana">Hariyana</option>
        <option value="Himachal Pradesh">Himachal Pradesh</option>
        <option value="Jammu & Kashmir">Jammu & Kashmir</option>
        <option value="Jharkhand">Jharkhand</option>
        <option value="Karnataka">Karnataka</option>
        <option value="Kerala">Kerala</option>
        <option value="Ladakh">Ladakh</option>
        <option value="Lakshadweep">Lakshadweep</option>
        <option value="Madhya Pradesh">Madhya Pradesh</option>
        <option value="Maharashtra">Maharashtra</option>
        <option value="Manipur">Manipur</option>
        <option value="Meghalaya">Meghalaya</option>
        <option value="Mizoram">Mizoram</option>
        <option value="Nagaland">Nagaland</option>
        <option value="Odisha">Odisha</option>
        <option value="Puducherry">Puducherry</option>
        <option value="Punjab">Punjab</option>
        <option value="Rajasthan">Rajasthan</option>
        <option value="Sikkim">Sikkim</option>
        <option value="Tamil Nadu">Tamil Nadu</option>
        <option value="Telangana">Telangana</option>
        <option value="Uttar Pradesh">Uttar Pradesh</option>
        <option value="West Bengal">West Bengal</option>
      </select>
    </div>
    <div class="input__box">
      <span class="details">Security question</span>
      <select name="sequrity-question" id="usertype" class="selections" required>
        <option value="1">My nick name?</option>
        <option value="2">My pet name?</option>
        <option value="3">My best friend name?</option>
        <option value="4">Mother name?</option>
        <option value="5">Father name?</option>
        <option value="6">My old school name?</option>
        <option value="7">My bestie?</option>
        <option value="8">other</option>
      </select>
    </div>
    <div class="input__box">
```

```html
        <span class="details">Security Answer</span>
        <input type="text" name="sequrity-answer" placeholder="puppy" required>
      </div>
    </div>
    <div class="gender__details">
      <input type="radio" name="gender" id="dot-1" value="male">
      <input type="radio" name="gender" id="dot-2" value="female">
      <input type="radio" name="gender" id="dot-3" value="Prefer not to say">
      <span class="gender__title">Gender</span>
      <div class="category">
        <label for="dot-1">
          <span class="dot one"></span>
          <span>Male</span>
        </label>
        <label for="dot-2">
          <span class="dot two"></span>
          <span>Female</span>
        </label>
        <label for="dot-3">
          <span class="dot three"></span>
          <span>Prefer not to say</span>
        </label>

      </div>
      <div class="remember-forgot">
        <label>
          <input name="tc" type="checkbox" value="1" required>
        </label>

        <a href="#">terms and conditions</a>
      </div>

    </div>
    <div class="button">
      <input type="submit" value="Register">
    </div>
  </form>


</div>

<!--registration end-->

</div>

</body>

</html>
```

4.1.3.2 Back end:

```php
<?php
include("connect.php");
//random unique id generator
$rand_id=rand(1000,9999);
//random unique id function calling

$unique_id=$rand_id;
$fullname=$_POST["fullname"];
$username=$_POST["username"];
$email=$_POST["email"];
$phone=$_POST["phone"];
$image=$_FILES['photo']['name'];
$temp_name=$_FILES['photo']['tmp_name'];
$dob=$_POST["dob"];
$password=$_POST["password"];
$cn_password=$_POST["cn_password"];
$usertype=$_POST["usertype"];
$state=$_POST["state"];
$sequrity_question=$_POST["sequrity-question"];
$sequrity_answer=$_POST["sequrity-answer"];
$gender=$_POST["gender"];
$tc=$_POST["tc"];

if($password!=$cn_password){
    echo "<script>
    alert('password do not match');
    window.location='../partials/registration.html';
    </script>";
}
else{
    move_uploaded_file($temp_name,"../uploads/profiles/$image");

$insert1="insert into user_detailes (id,fullname,username,usertype,password,photo)
values('$unique_id','$fullname','$username','$usertype','$password','$image');";
$insert2="insert into user_extra_detailes
values('$unique_id','$email','$phone','$dob','$state','$gender','$tc')";
$insert3="insert into sequrity values('$unique_id','$sequrity_question','$sequrity_answer')";
$insert4="insert into vote_status values('$unique_id',0)";
$insert5="insert into votes values('$unique_id','',0,0)";
$insert6="insert into varify_and_approve values('$unique_id',0,0)";
    $query1=mysqli_query($connect,$insert1);
    $query2=mysqli_query($connect,$insert2);
    $query3=mysqli_query($connect,$insert3);
    $query4=mysqli_query($connect,$insert4);
    $query5=mysqli_query($connect,$insert5);
    $query6=mysqli_query($connect,$insert6);
```

```php
if($query1 and $query2 and $query3 and $query4 and $query5 and $query6){
    echo "<script>
alert('Registration successful');
window.location='../partials/login.html';
</script>";
}
}
?>
```

4.1.4 Admin Dashboard:

4.1.4.1 Front end:

```php
<?php
session_start();
if(!isset($_SESSION['id'])){
    header('location:../');
}
//voting status
$data=$_SESSION['data'];
if($_SESSION['status']==1){
    $status='<class="text-success">Voted</br>';
}else{
    $status='<class="text-unsuccess">Not Voted</br>';
}
//approve status
            if(($data['varified']==1) and ($data['approve']==0)){
                    $avstatus='<class="varified">varified</br>';
                            }
            elseif(($data['varified']==1) and ($data['approve']==1)){
                    $avstatus='<class="Approveed">Approved</br>';
                            }
            else {
                    $avstatus='<class="varification_pending">varification pending</br>';
                            }


//featching voters data
include('../actions/connect.php');
            $sqlv="select ud.id,ud.fullname,ud.username,ud.usertype,ud.password,
            ud.photo,ued.email,ued.phone,ued.dob,ued.state,ued.gender,ued.tc,
            s.sequrity_question,s.sequrity_answer,vs.status,v.symbol,v.vote,
            v.nota,va.varified,va.approve from user_detailes ud,user_extra_detailes ued,
            sequrity s,vote_status vs,votes v,varify_and_approve va where ud.id=ued.id
           and ud.id=s.id and ud.id=vs.id and ud.id=v.id and ud.id=va.id and ud.usertype='voter';";
            $voterdata=mysqli_query($connect,$sqlv);
            if(mysqli_num_rows($voterdata)>0){
                $voterdata=mysqli_fetch_all($voterdata,MYSQLI_ASSOC);
                $_SESSION['$voterdata']=$voterdata;
            }
            $voterdata=$_SESSION['$voterdata'];
```

```php
//fetching nominee data
$sqln="select ud.id,ud.fullname,ud.username,ud.usertype,ud.password,
ud.photo,ued.email,ued.phone,ued.dob,ued.state,ued.gender,ued.tc,
s.sequrity_question,s.sequrity_answer,vs.status,v.symbol,v.vote,
v.nota,va.varified,va.approve from user_detailes ud,user_extra_detailes ued,
sequrity s,vote_status vs,votes v,varify_and_approve va where ud.id=ued.id
and ud.id=s.id and ud.id=vs.id and ud.id=v.id and ud.id=va.id and ud.usertype='nominee';";
$nomineedata=mysqli_query($connect,$sqln);
if(mysqli_num_rows($nomineedata)>0){
    $nomineedata=mysqli_fetch_all($nomineedata,MYSQLI_ASSOC);
    $_SESSION['$nomineedata']=$nomineedata;
}
$nomineedata=$_SESSION['$nomineedata'];
?>
<?php
//fetching nominee data
$sqla="select ud.id,ud.fullname,ud.username,ud.usertype,ud.password,
ud.photo,ued.email,ued.phone,ued.dob,ued.state,ued.gender,ued.tc,
s.sequrity_question,s.sequrity_answer,vs.status,v.symbol,v.vote,
v.nota,va.varified,va.approve from user_detailes ud,user_extra_detailes ued,
sequrity s,vote_status vs,votes v,varify_and_approve va where ud.id=ued.id
and ud.id=s.id and ud.id=vs.id and ud.id=v.id and ud.id=va.id and ud.usertype='admin';";
$admindata=mysqli_query($connect,$sqla);
if(mysqli_num_rows($admindata)>0){
    $admindata=mysqli_fetch_all($admindata,MYSQLI_ASSOC);
    $_SESSION['$admindata']=$admindata;
}
$admindata=$_SESSION['$admindata'];
?>

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="../styling/admindashboard.css">
    <title>Admin Panel</title>
</head>

<body>
    <div class="side-menu">
        <div class="brand-name">
            <h1>E-voting</h1>
        </div>
        <ul>
            <li><img src="dashboard (2).png" alt="">  <span>Dashboard</span> </li>
```

```
      <li><img src="reading-book (1).png" alt=""> <span>Nominatins</span> </li>
      <li><img src="teacher2.png" alt=""> <span>Voters</span> </li>
      <li><img src="school.png" alt=""> <span>Admin</span> </li>
      <li><img src="payment.png" alt=""> <span>Chatbot</span> </li>
      <li><img src="help-web-button.png" alt="">  <span>Help</span></li>
      <li><img src="settings.png" alt=""> <span>Settings</span> </li>
    </ul>
  </div>
  <div class="container">
    <div class="header">
      <div class="nav">
        <div class="search">
          <input type="text" placeholder="Search..">
          <button type="submit"><img src="" alt=""></button>
        </div>
        <div class="user">
          <a href="../partials/registration.html" class="btn">Add New</a>
          <img src="../resources/images/logo.png" alt="">
          <div class="img-case">
            <img src="../uploads/profiles/<?php echo $data['photo']?>" alt="user image">
          </div>
          <a href="../actions/logout.php" class="navmenu-link">Logout</a>
        </div>
      </div>
    </div>
    <div class="content">
      <div class="cards">
        <div class="card">
          <div class="box">
            <h1><?php echo count($nomineedata)?></h1>
            <h3>Nominatins</h3>
          </div>
          <div class="icon-case">
            <img src="students.png" alt="">
          </div>
        </div>
        <div class="card">
          <div class="box">
            <h1><?php echo count($voterdata)?></h1>
            <h3>Voters</h3>
          </div>
          <div class="icon-case">
            <img src="teachers.png" alt="">
          </div>
        </div>
        <div class="card">
          <div class="box">
            <h1><?php echo count($admindata)?></h1>
```

```
                    <h3>Admin</h3>
                </div>
                <div class="icon-case">
                    <img src="schools.png" alt="">
                </div>
            </div>

        </div>
        <div class="content-2">
            <div class="recent-payments">
                <div class="title">
                    <h2>Recent voters</h2>
                    <a href="#" class="btn">View All</a>
                </div>
                <table>
                    <tr>
                        <th>Profile</th>
                        <th>Name</th>
                        <th>Varification</th>
                        <th>Aprrove</th>
                    </tr>
```

```php
<?php

if(isset($_SESSION['$voterdata'])){
$voterdata=$_SESSION['$voterdata'] ;
for($i=0;$i<count($voterdata);$i++){
?>
<tr>
<td> <img class="table-photo" src="../uploads/profiles/<?php echo $voterdata[$i]['photo'] ?>"
alt="Group image1" class="table-photo"></td>

<td><?php echo $voterdata[$i]['fullname'] ?></td>
<td>
<form action="../actions/varify.php" method="post">
<input type="hidden" name="gid" value=" <?php echo $voterdata[$i]['id'] ?>">
<?php
if($voterdata[$i]['varified']==1){
?>
<img class="voted_suc table-photo" src="../resources/images/voted_suc.png" alt="Varified">
<?php
}else{
if(($voterdata[$i]['varified']!==2) and ($voterdata[$i]['varified']==0) ){
?>
<button class="btn" type="submit" onclick=confirm()>Varified</button>
<?php
}}
```

```
?>
</form>
</td>
<td>


<form action="../actions/approve.php" method="post">
<input type="hidden" name="gid" value=" <?php echo $voterdata[$i]['id'] ?>">
<?php
if($voterdata[$i]['varified']!==2){
if(($voterdata[$i]['varified']==1) and ($voterdata[$i]['approve']==0)){
?>
<button class="btn" type="submit" onclick=confirm()>Approve</button>

<?php
}elseif(($voterdata[$i]['approve']==1))
{
?>
<img class="voted_suc table-photo" src="../resources/images/voted_suc.png" alt="Varifed">
<?php
}}
?></td>
</form>
</td>
<td>
<form action="../actions/reject.php" method="post">
<input type="hidden" name="gid" value=" <?php echo $voterdata[$i]['id'] ?>">
<?php
if($voterdata[$i]['varified']==0){
?>
<button class="btn" type="submit" onclick=confirm()>Reject</button>
<?php
}
?>
                              </form>
                        </td>
                     </tr>
                     <?php
                     }
                  }
                     ?>

                </table>
              </div>
              <div class="new-students">
                <div class="title">
                   <h2>New Nominatins</h2>
                   <a href="#" class="btn">View All</a>
```

```html
</div>
<table>
  <tr>

    <th>Profile</th>
    <th>Name</th>
    <th>Varification</th>
    <th>Approve</th>

  </tr>
  <tr>
  <?php
      if(isset($_SESSION['$nomineedata'])){
        $nomineedata=$_SESSION['$nomineedata'] ;
        for($i=0;$i<count($nomineedata);$i++){
      ?>
```

```html
<td> <img class="table-photo" src="../uploads/profiles/<?php echo $nomineedata[$i]['photo'] ?>"
alt="Group image1"></td>

<td><?php echo $nomineedata[$i]['fullname'] ?></td>
<td>
<form action="../actions/varify.php" method="post">
<input type="hidden" name="gid" value=" <?php echo $nomineedata[$i]['id'] ?>">
<?php
if($nomineedata[$i]['varified']==1){
?>
<img class="voted_suc table-photo" src="../resources/images/voted_suc.png" alt="Varified">
<?php
}else{
if(($nomineedata[$i]['varified']!==2) and ($nomineedata[$i]['varified']==0) ){
?>
<button class="btn" type="submit" >Varified</button>
<?php
}
}
?>
</form>
</td>
<td>
<form action="../actions/approve.php" method="post">
<input type="hidden" name="gid" value=" <?php echo $nomineedata[$i]['id'] ?>">
<?php
if($nomineedata[$i]['varified']!==2){
if(($nomineedata[$i]['varified']==1) and ($nomineedata[$i]['approve']==0)){
?>
<button class="btn" type="submit" >Approve</button>
```

```php
<?php
}elseif(($nomineedata[$i]['approve']==1))
{
?>
<img class="voted_suc table-photo" src="../resources/images/voted_suc.png" alt="Varifed">
<?php
}}
?></td>
</form>
<td>
<form action="../actions/reject.php" method="post">
<input type="hidden" name="gid" value=" <?php echo $nomineedata[$i]['id'] ?>">
<?php
if($nomineedata[$i]['varified']==0){
?>
<button class="btn" type="submit" >Reject</button>
<?php
}
?>
</form>
                                                    </td>
                            </tr>
                <?php
                    }
                  }
                ?>
            </table>
          </div>
        </div>
      </div>
    </div>
</body>

</html>
```

4.1.4.2 Back end:
4.1.4.2.1 Verify:

```php
<?php
session_start();
include("connect.php");

$gid=$_POST['gid'];
//$uid=$_SESSION['id'];
$upvarify=" update varify_and_approve set varified=1 where id='$gid';";
$updatevarify=mysqli_query($connect,$upvarify);

if($updatevarify){
 echo '<script>
    alert("varification successful");
```

```php
        window.location="../partials/admindashboard.php";
        </script>';
    }else{
        echo '<script>
        alert("Technical error !! Varify after sometime");
        window.location="../partials/admindashboard.php";
        </script>';
    }
    ?>
```

4.1.4.2.2 Approve:
```php
<?php
session_start();
include("connect.php");

$gid=$_POST['gid'];
$upvarify=" update varify_and_approve set approve=1 where id='$gid';";
$updatevarify=mysqli_query($connect,$upvarify);

if($updatevarify){
 echo '<script>
    alert("Approved");
    window.location="../partials/admindashboard.php";
    </script>';
}else{
    echo '<script>
    alert("Technical error !! Approve after sometime");
    window.location="../partials/admindashboard.php";
    </script>';
}
?>
```

4.1.4.2.3 Reject:
```php
<?php
session_start();
include("connect.php");

$gid=$_POST['gid'];
//$uid=$_SESSION['id'];
$upvarify=" update varify_and_approve set varified=2 where id='$gid';";
$updatevarify=mysqli_query($connect,$upvarify);

if($updatevarify){
 echo '<script>
    alert("rejected successful");
    window.location="../partials/admindashboard.php";
    </script>';
}else{
    echo '<script>
    alert("Technical error !! reject after sometime");
```

```
                window.location="../partials/admindashboard.php";
                </script>';
            }
        ?>
```

4.1.5 Nomination Dashboard:
4.1.5.1 Front end:

```php
<?php
session_start();
if(!isset($_SESSION['id'])){
    header('location:../');
}

//voting status
$data=$_SESSION['data'];
if($_SESSION['status']==1){
    $status='<class="text-success">Voted</br>';
}else{
    $status='<class="text-unsuccess">Not Voted</br>';
}
//approve status
        if(($data['varified']==1) and ($data['approve']==0)){
                $avstatus='<class="varified">varified</br>';
                                }
        elseif(($data['varified']==1) and ($data['approve']==1)){
                $avstatus='<class="Approveed">Approved</br>';
                                }
        else {
                $avstatus='<class="varification_pending">varification pending</br>';
                                }

?>
<?php
include('../actions/connect.php');
$data=$_SESSION['data'];
?>

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Dashboard</title>
  <link rel="stylesheet" href="../styling/voterdashboard.css" />
  <link rel="stylesheet" type="text/css" href="../styling/nomineedashboard.css"/>

  <script src="../js_scripts/sidemnu.js"></script>
  <script>
```

```
// Responsive Sidenav
const sideNav = document.getElementById("sidenav");
const burgerMenu = document.getElementById("burgermenu");

burgerMenu.addEventListener("click", function () {
  sideNav.classList.toggle("active");
  burgerMenu.classList.toggle("active");
});


  </script>
</head>
<body>

  <nav class="sidenav" id="sidenav">
    <div class="navbrand">
    <img src="../uploads/profiles/<?php echo $data['photo']?>" alt="user image">

            <h2 class="title title-medium"> <?php echo $data["fullname"] ;?></h2>
    </div>
    <ul class="navmenu">
            <li class="navmenu-item"><a href="../index.html" class="navmenu-link">Home</a></li>
            <li class="navmenu-item"><a href="#" class="navmenu-link">Userid:
                    <?php echo $data['username']?>
</a></li>
            <li class="navmenu-item"><a href="#" class="navmenu-link">Status:
      <?php echo $status;?>
            </a></li>
            <li class="navmenu-item"><a href="#" class="navmenu-link">d.o.b:
                    <?php echo $data['dob']
                    ?>
            </a></li>
            <li class="navmenu-item"><a href="#" class="navmenu-link">gender:<?php echo
$data['gender']?></a></li>
            <li class="navmenu-item"><a href="#" class="navmenu-link">Phone:<?php echo
$data['phone']?></a></li>
            <li class="navmenu-item"><a href="#" class="navmenu-link">Approve:
            <?php echo $avstatus;?>
            </a></li>

        <li class="navmenu-item" style="background:red"><a href="../actions/logout.php"
class="navmenu-link">Logout</a></li>
    </ul>
    <div class="navinfo">
            <div class="social">
                    <a href="#" class="social-item"><i class="ion-logo-youtube"></i></a>
                    <a href="#" class="social-item"><i class="ion-logo-twitter"></i></a>
                    <a href="#" class="social-item"><i class="ion-logo-instagram"></i></a>
```

```html
            <a href="#" class="social-item"><i class="ion-logo-linkedin"></i></a>
            <a href="#" class="social-item"><i class="ion-logo-github"></i></a>
          </div>
          <div class="attrib">
                    &copy;Copyright 2023 - Build and Code by Gagan D N, Naman Bafna , Abrar Ashraf
<i class="ion ion-md-heart"></i>
          </div>
      </div>
</nav>
<!-- Main -->
<header class="header">
    <div class="burgermenu" id="burgermenu">
          <span class="burgermenu-open" id="openmenu">
                  <svg xmlns="http://www.w3.org/2000/svg" width="24" height="16">
                        <g fill="#252a32" fill-rule="evenodd">
                              <path d="M0 0h24v2H0zM0 7h24v2H0zM0 14h24v2H0z" />
                        </g>
                  </svg>
          </span>
          <span class="burgermenu-close" id="closemenu">
                  <svg xmlns="http://www.w3.org/2000/svg" width="20" height="20">
                        <path fill="#ffffff" fill-rule="evenodd" d="M17.778.808l1.414 1.414L11.414
10l7.778 7.778-1.414 1.414L10 11.414l-7.778 7.778-1.414-1.414L8.586 10 .808 2.222 2.222.808 10
8.586 17.778.808z" />
                  </svg>
          </span>
    </div>
</header>
<main>
<!-- nomination filing-->
<div class="nominationform">
    <h3>Applicatin modification:</h3>

    <form  class="upform" action="../actions/update.php" method="post">

          <input type="hidden" name="id" value="<?php echo $data["id"] ;?>">
    <lable for="fullname">fullname:
      <input type="text" name="fullname" value="<?php echo $data["fullname"] ;?>">
    </lable>
          <lable for="username">username:
      <input type="text" name="username" value="<?php echo $data["username"] ;?>">
          </lable>
          <lable for="dob">dob:
      <input type="date" name="dob" value="<?php echo $data["dob"] ;?>">
          </lable>

          <lable for="phone">phone:
      <input type="number" name="phone" value="<?php echo $data["phone"] ;?>">
```

```
            </lable>
            <lable for="email">email:
    <input type="email" name="email" value="<?php echo $data["email"] ;?>">
            </lable>

            <lable for="password">password:
    <input type="password" name="password" value="<?php echo $data["password"] ;?>">
            </lable>

            <button class="btn" type="submit">Update</button>

        </form>
    </div>
    <div class="status">
        <h3>Applicatin Status:</h3>
        <?php
        if($data['approve']==1){
                ?>
                <img src="../resources/images/approved.jpeg" alt="Approved">
                <?php
        }elseif(($data['varified']==1) and ($data['approve']==0)){

        ?>
        <img src="../resources/images/variapr.png" alt="varified">
        <?php
        }elseif(($data['varified']==2)){

        ?>
        <img src="../resources/images/rejected.png" alt="varified">
        <?php
        }else{

        ?>
        <img src="../resources/images/pending.jpg" alt="under review">
        <?php
        }?>

    </div>
    </main>
    </body>
    </html>
```

4.1.5.2 Back end(update):

```
<?php
include('connect.php');
$userid=$_POST['id'];
$fullname=$_POST['fullname'];
$username=$_POST['username'];
$dob=$_POST['dob'];
```

```php
$phone=$_POST['phone'];
$email=$_POST['email'];
$password=$_POST['password'];



$sql1="update user_detailes set fullname='$fullname',username='$username',
password='$password' where id='$userid'";
$sql2="update user_extra_detailes set email='$email',phone='$phone',
dob='$dob' where id='$userid'";

  $query1=mysqli_query($connect,$sql1);
  $query2=mysqli_query($connect,$sql2);

if($query1 and $query2 ){
   echo "<script>
   alert('updated successful');
   window.location='../partials/login.html';
   </script>";
   }

?>
```

4.1.6 Voter Dashboard:
4.1.6.1 Front end:

```php
<?php
session_start();
if(!isset($_SESSION['id'])){
   header('location:../');
}

//voting status
$data=$_SESSION['data'];
if($_SESSION['status']==1){
   $status='<class="text-success">Voted</br>';
}else{
   $status='<class="text-unsuccess">Not Voted</br>';
}
//approve status
        if(($data['varified']==1) and ($data['approve']==0)){
                $avstatus='<class="varified">varified</br>';
                                }
        elseif(($data['varified']==1) and ($data['approve']==1)){
                $avstatus='<class="Approveed">Approved</br>';
                                }
        else {
                $avstatus='<class="varification_pending">varification pending</br>';
                                }

?>
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Dashboard</title>
  <link rel="stylesheet" href="../styling/voterdashboard.css" />
  <link rel="stylesheet" type="text/css" href="../styling/evm.css"/>
  <link rel="stylesheet" href="../styling/voterid.css" />

  <script src="../js_scripts/sidemnu.js"></script>
  <script>
// Responsive Sidenav
const sideNav = document.getElementById("sidenav");
const burgerMenu = document.getElementById("burgermenu");

burgerMenu.addEventListener("click", function () {
    sideNav.classList.toggle("active");
    burgerMenu.classList.toggle("active");
});


  </script>
</head>
<body>

  <nav class="sidenav" id="sidenav">
    <div class="navbrand">
    <img src="../uploads/profiles/<?php echo $data['photo']?>" alt="user image">

        <h2 class="title title-medium"> <?php echo $data["fullname"] ;?></h2>
    </div>
    <ul class="navmenu">
        <li class="navmenu-item"><a href="#" class="navmenu-link">Home</a></li>
        <li class="navmenu-item"><a href="#" class="navmenu-link">Userid:
            <?php echo $data['username']?>
  </a></li>
        <li class="navmenu-item"><a href="#" class="navmenu-link">Status:
    <?php echo $status;?>
        </a></li>
        <li class="navmenu-item"><a href="#" class="navmenu-link">d.o.b:
            <?php echo $data['dob']
            ?>
        </a></li>
        <li class="navmenu-item"><a href="#" class="navmenu-link">gender:<?php echo
$data['gender']?></a></li>
        <li class="navmenu-item"><a href="#" class="navmenu-link">voter id</a></li>
        <li class="navmenu-item"><a href="#" class="navmenu-link">Approve:
```

```html
<?php echo $avstatus;?>
</a></li>


    <li class="navmenu-item" style="background:red"><a href="../actions/logout.php"
class="navmenu-link">Logout</a></li>
  </ul>
  <div class="navinfo">
        <div class="social">
                <a href="#" class="social-item"><i class="ion-logo-youtube"></i></a>
                <a href="#" class="social-item"><i class="ion-logo-twitter"></i></a>
                <a href="#" class="social-item"><i class="ion-logo-instagram"></i></a>
                <a href="#" class="social-item"><i class="ion-logo-linkedin"></i></a>
                <a href="#" class="social-item"><i class="ion-logo-github"></i></a>
        </div>
        <div class="attrib">
                &copy;Copyright 2023 - Build and Code by Gagan DN,Naman Bafna,Abrar Ashraf <i
class="ion ion-md-heart"></i>
        </div>
  </div>
</nav>
<!-- Main -->
<header class="header">
  <div class="burgermenu" id="burgermenu">
        <span class="burgermenu-open" id="openmenu">
                <svg xmlns="http://www.w3.org/2000/svg" width="24" height="16">
                        <g fill="#252a32" fill-rule="evenodd">
                                <path d="M0 0h24v2H0zM0 7h24v2H0zM0 14h24v2H0z" />
                        </g>
                </svg>
        </span>
        <span class="burgermenu-close" id="closemenu">
                <svg xmlns="http://www.w3.org/2000/svg" width="20" height="20">
                        <path fill="#ffffff" fill-rule="evenodd" d="M17.778.808l1.414 1.414L11.414
10l7.778 7.778-1.414 1.414L10 11.414l-7.778 7.778-1.414-1.414L8.586 10 .808 2.222 2.222.808 10
8.586 17.778.808z" />
                </svg>
        </span>
  </div>
</header>
<main>
  <!--voter id start-->
  <div class="voterid">
  <div class="id-card-holder">
        <div class="id-card">
                <img class='logo' src="../resources/images/logo.png"><h5 class="idheader">Election
Commision  of INDIA</h5>
                <div class="header">
        <img src="../uploads/profiles/<?php echo $data['photo']?>" alt="user image">
```

```
                </div>

                <h2><?php echo $data["fullname"] ;?></h2>
                <h3>gender: <?php echo $data["gender"] ;?></h3>
                <h3>D.O.B: <?php echo $data["dob"] ;?></h3>
                <h3>state: <?php echo $data["state"] ;?></h3>

                <div class="qr-code">

                <?php
    if($data['approve']==1){
            ?>
            <img src="../resources/images/approved.jpeg" alt="Approved">
            <?php
    }elseif(($data['varified']==1) and ($data['approve']==0)){

    ?>
    <img src="../resources/images/variapr.png" alt="varified">
    <?php
    }elseif(($data['varified']==2)){

    ?>
    <img src="../resources/images/rejected.png" alt="varified">
    <?php
    }else{

    ?>
    <img src="../resources/images/pending.jpg" alt="under review">
    <?php
    }?>

                </div>

    <h3><?php echo $data["id"] ;?></h3>
                <hr>
                <p><strong>INDIAN ELECTION COMMISTION</strong> Neemrana, NH-8 Delhi-
Jaipur highway <p>
                <p>District Delhi, Delhi <strong>110001</strong></p>
                <p>Ph: 01494-660600, 7073222393</p>

            </div>
    </div>
    </div>


    <!--voter id end-->
<div class="bg-light">
```

```
<marquee id="marquee">General Board Election</marquee>

  <div class="container">

    <div class="row">
      <div class="col-md-8">

        <h1>EVM-Electronic voting Machine</h1>



<div>
<table class="table table-bordered table-secondary table-lg">
<thead><h4 class="display-6"> welcome to Electronic Voting</h4></thead>
<th>
<tr>
<td>S.No</td>
<td>Rocognized parties</td>
<td>Party Symbols</td>
<td>Voting pad</td>
</tr>
</th>
<tbody>
<tr>
<?php
if(isset($_SESSION['nominee'])){
$nominee=$_SESSION['nominee'] ;
for($i=0;$i<count($nominee);$i++){
?>

<td> <?php echo $i+1 ?></td>
<td><?php echo $nominee[$i]['fullname'] ?></td>
<td> <img src="../uploads/profiles/<?php echo $nominee[$i]['photo'] ?>" alt="Group image1"></td>
<td>
<form action="../actions/voteing.php" method="post">
<input type="hidden" name="nomineevotes" value=" <?php echo $nominee[$i]['vote'] ?>">
<input type="hidden" name="nomineeid" value=" <?php echo $nominee[$i]['id'] ?>">

<?php
if($_SESSION['status']==1){
?>
<img class="voted_suc" src="../resources/images/voted_suc.png" alt="VOTED">
<?php
}else{
if($data['approve']==1){
?>
<button class="vote_btn" type="submit" onclick=confirm()>Vote</button>
<?php
```

```php
}else{
echo '<script>
alert("your voter id is not approved yet");
</script>';


}
}
?>
</form>



</td>
</tr>
<?php
}

//}

?>


<tr>
<td><?php echo count($nominee)+1?></td>
<td>NOTA</td>
<td><img src="https://i1.wp.com/factly.in/wp-content/uploads//2017/08/Congress-protesting-use-of-
NOTA_factly.jpg?resize=768%2C429&ssl=1" alt="nota"></td>
<td><form action="../actions/voteing.php" method="post">
<!--<input type="text" name="notavotes" value=" <?//php echo $data['nota']?>">-->
<input type="hidden" name="voterid" value=" <?php echo $data['id']?>">

<?php
if($_SESSION['status']==1){
?>
<img class="voted_suc" src="../resources/images/voted_suc.png" alt="VOTED">
<?php
}else{
if($data['approve']==1){
?>
<button class="vote_btn" type="submit" onclick=confirm()>Vote</button>
<?php
}else{
echo '<script>
alert("your voter id is not approved yet");
</script>';

}
}
?>
</form>
```

```
</td>
</tr>
<?php
}else{
?>
<div class="container">
<p>No Candidates to display</p>
</div>
<?php
}
?>
                              </tbody>
                    </table><br/>
                      <br/>
            <hr>
            <hr>
            <br>
            <br>
               </table>
             </div>
              </div>

        </div>

    <br/>
    <br/>
    <hr>
    <hr>
    <br/>
    <br/>
          </div>

        </div>
</div>
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-
q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.3/umd/popper.min.js"
integrity="sha384-
ZMP7rVo3mIykV+2+9J3UJ46jBk0WLaUAdn689aCwoqbBJiSnjAK/l8WvCWPIPm49"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js" integrity="sha384-
ChfqqxuZUCnJSK3+MXmPNIyE6ZbWh2IMqE241rYiqJxyMiZ6OW/JmZQ5stwEULTy"
crossorigin="anonymous"></script>

<script type="text/javascript" src="../js_scripts/sidemnu.js"></script>

<script>
```

```
function confirm(){
        alert("confirm to vote");
    }
</script>
</div>
</main>
</body>
</html>
```

4.1.6.2 Back end(voting):

```
<?php
session_start();
include("connect.php");
//$nota=$_POST['notavotes'];
$voterid=$_POST['voterid'];
$votes=$_POST['nomineevotes'];
$gid=$_POST['nomineeid'];
if( $votes and $gid){
$totalvotes=$votes+1;

$gid=$_POST['nomineeid'];
$uid=$_SESSION['id'];

$upvote="update votes set vote='$totalvotes' where id='$gid'";
$updatevotes=mysqli_query($connect,$upvote);

$upstatus="update vote_status set status=1 where id='$uid'";
$updatestatus=mysqli_query($connect,$upstatus);
}
else{
    $upnota="update votes set nota=1 where id='$voterid'";
    $upnota=mysqli_query($connect,$upnota);

    $upstatus="update vote_status set status=1 where id='$voterid'";
    $updatestatus=mysqli_query($connect,$upstatus);
}
if(($updatevotes and $updatestatus) or ($upnota and $updatestatus) ){
$getgroups=mysqli_query($connect,"select ud.username,ud.photo,v.vote,ud.id
 from user_detailes ud,votes v where usertype='nominee' and ud.id=v.id");
 $nominees=mysqli_fetch_all($getgroups,MYSQLI_ASSOC);
 $_SESSION['nominees']=$nominees;
 $_SESSION['status']=1;
 echo '<script>
   alert("voting successful");
   window.location="../partials/voterdashboard.php";
   </script>';
}else{
   echo '<script>
   alert("Technical error !! Vote after sometime");
```

```
        window.location="../partials/voterdashboard.php";
        </script>';
    }
    ?>
```

PHP code to Logout:

```php
<?php
session_start();
session_unset();
session_destroy();
header('location:../partials/login.html');


?>?>
```

4.2 Database Creation

This chapter defines the database creation and insertion of values for every particular tables present in the database.

<u>**Create Basic details Table**</u>

```
/*table creation*/
table user_detailes:
create table user_detailes(
    id int(10) not null  primary key,
    fullname varchar(25),
    username varchar(20),
    usertype enum('voter', 'nominee', 'admin'),
    password varchar(50),
    photo varchar(100)
    );

insert into user_detailes values(8762,'Gagan DN','gagan@admin','admin','gagan@123','gaganadmin.jpeg');
insert into user_detailes values(9432,'Naman bhafna','namannamu18','admin','naman@123','namanadmin.jpeg');
insert into user_detailes values(9492,'Ramchandra','ramchandra@devnur','voter','ram@123','voter1.jpeg');
insert into user_detailes values(3492,'Riya Kulkarni','riya','voter','riya@123','voter2.jpeg');
insert into user_detailes values(2947,'Vikram Vedha','vv@123','voter','vikram@123','voter3.jpeg');
insert into user_detailes values(5432,'Abhay Shankar','abhay@crazy','voter','abhay@123','voter4.jpeg');
insert into user_detailes values(1342,'Vishva Raj','vishvaraj','voter','vishvaraj@123','voter5.jpeg');

insert into user_detailes values(3472,'Vamshi M','vamshiraj','nominee','vamshi@123','nominee1.jpeg');
insert into user_detailes values(2977,'Gagan C','gagan_c','nominee','gaganc@123','nominee2.jpeg');
insert into user_detailes values(3264,'Chethan Rajive','chethan@mech','nominee','chethan@123','nominee3.jpeg');
insert into user_detailes values(5491,'Suraj Chandhra','suraj@sun','nominee','suraj@123','nominee4.jpeg');
```

insert into user_detailes values(1386,'Pavithra R','pavithra@pavi','nominee','pavithra@123','nominee5.jpeg');

table user_extra_detailes:
```
create table user_extra_detailes(
    id int(10) primary key,
    email varchar(200),
    phone varchar(100),
    dob date,state varchar(300),
    gender enum('male', 'female', 'prefer not to say'),
    tc int(1),
    foreign key(id) references user_detailes(id) on delete cascade
    );
```

```
insert into user_extra_detailes values(1342,'vishvaraj@gmail.com',9988765434,'2000-11-11','karnataka','male',1);
insert into user_extra_detailes values(1386,'pavithra_r@gmail.com',9123456543,'2001-10-02','karnataka','female',1);
insert into user_extra_detailes values(2947,'vikram_vedha@gmail.com',9876554321,'2002-09-30','karnataka','male',1);
insert into user_extra_detailes values(2977,'gagan_c@gmail.com',8765432987,'2005-06-23','karnataka','male',1);
insert into user_extra_detailes values(3264,'chethan_rajive@gmail.com',8976564545,'1997-12-02','karnataka','male',1);
insert into user_extra_detailes values(3472,'vamshi@gmail.com',8843565434,'2002-04-14','karnataka','male',1);
insert into user_extra_detailes values(3492,'riya.kulkarni@gmail.com',9934534544,'2004-08-11','karnataka','female',1);

insert into user_extra_detailes values(5432,'abhay_shankar@gmail.com',6543218764,'2003-03-17','karnataka','male',1);
insert into user_extra_detailes values(5491,'suraj_chandhra@gmail.com',6543567876,'2003-05-12','karnataka','male',1);
insert into user_extra_detailes values(8762,'gagan@gmail.com',9898767654,'2003-07-11','karnataka','male',1);
insert into user_extra_detailes values(9432,'namannamu18@gmail.com',8876998768,'2000-10-06','karnataka','male',1);
insert into user_extra_detailes values(9492,'ramchandra@gmail.com',6432543789,'2006-11-06','karnataka','male',1);
```

table password_up:
```
create table sequrity(
    id int(10) primary key,
    sequrity_question int(10),
    sequrity_answer varchar(200),
    foreign key(id) references user_detailes(id) on delete cascade
    );
```

```
insert into sequrity values(1342,2,'puppy');
insert into sequrity values(1386,1,'pinky');
```

```
insert into sequrity values(2947,4,'rangamma');
insert into sequrity values(2977,5,'shivprasadh');
insert into sequrity values(3264,6,'virat boarding school');
insert into sequrity values(3472,7,'swetha');
insert into sequrity values(3492,3,'krithi');
insert into sequrity values(5432,4,'manglamma');
insert into sequrity values(5491,3,'pruthvi');
insert into sequrity values(8762,8,'admin');
insert into sequrity values(9432,8,'admin');
insert into sequrity values(9492,2,'babloo');
```

table vote_status:
```
create table vote_status(
   id int(10) primary key,
   status int(10),
   foreign key(id) references user_detailes(id) on delete cascade
   );

   insert into vote_status values(1342,0);
   insert into vote_status values(1386,0);
   insert into vote_status values(2947,0);
   insert into vote_status values(2977,0);
   insert into vote_status values(3264,0);
   insert into vote_status values(3472,0);
   insert into vote_status values(3492,0);
   insert into vote_status values(5432,0);
   insert into vote_status values(5491,0);
   insert into vote_status values(8762,0);
   insert into vote_status values(9432,0);
   insert into vote_status values(9492,0);
```

table votes:
```
create table votes(
   id int(10) primary key,
   symbol varchar(500),
   vote int(11),
   nota int(11),
   foreign key(id) references user_detailes(id)on delete cascade
   );

   insert into votes values(1342,'man1.png',0,0);
   insert into votes values(1386,'party2.jpeg',0,0);
   insert into votes values(2947,'party3.png',0,0);
   insert into votes values(2977,'voter1.png',0,0);
   insert into votes values(3264,'voter2.jpeg',0,0);
```

```
insert into votes values(3472,'voter3.png',0,0);
insert into votes values(3492,'voter4.png',0,0);
insert into votes values(5432,'voter6.png',0,0);
insert into votes values(5491,'party3.png',0,0);
insert into votes values(8762,'gagan.jpeg',0,0);
insert into votes values(9432,'naman.jpeg',0,0);
insert into votes values(9492,'voter3.png',0,0);
```

table varify_and_approve:

```
create table varify_and_approve(
    id int(10) primary key,
    varified int(11),
    approve int(11),
    foreign key(id) references user_detailes(id)on delete cascade
    );



    insert into varify_and_approve values(1342,0,0);
    insert into varify_and_approve values(1386,0,0);
    insert into varify_and_approve values(2947,0,0);
    insert into varify_and_approve values(2977,0,0);
    insert into varify_and_approve values(3264,0,0);
    insert into varify_and_approve values(3472,0,0);
    insert into varify_and_approve values(3492,0,0);
    insert into varify_and_approve values(5432,0,0);
    insert into varify_and_approve values(5491,0,0);
    insert into varify_and_approve values(8762,0,0);
    insert into varify_and_approve values(9432,0,0);
    insert into varify_and_approve values(9492,0,0);
```

SNAPSHOTS
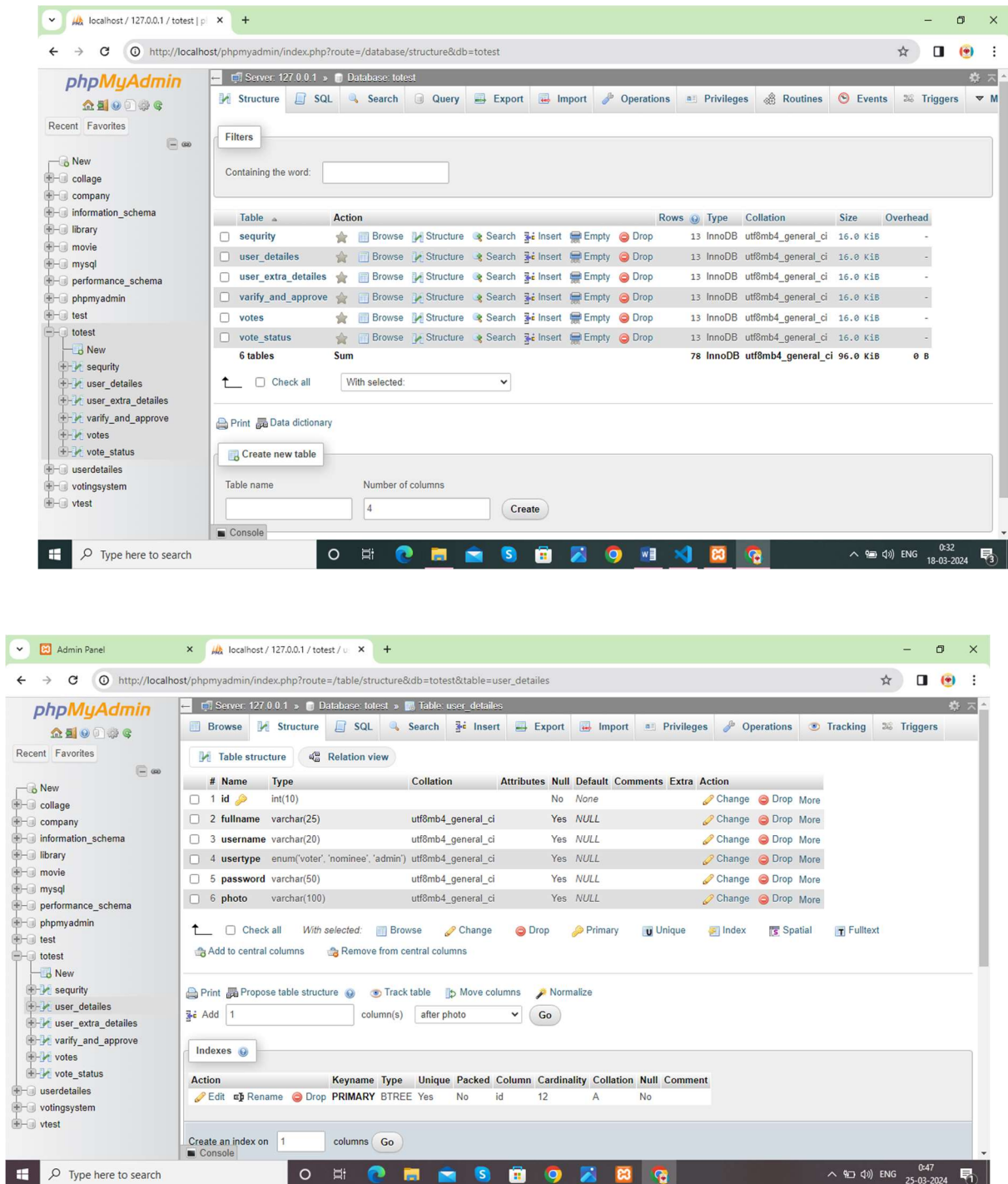
Fig 5.1 phpMyAdmin Start Page
Database operations such as creation of database, table and their relationship is performed

Fig 5.2 Login Page
Login page for login and perform operations
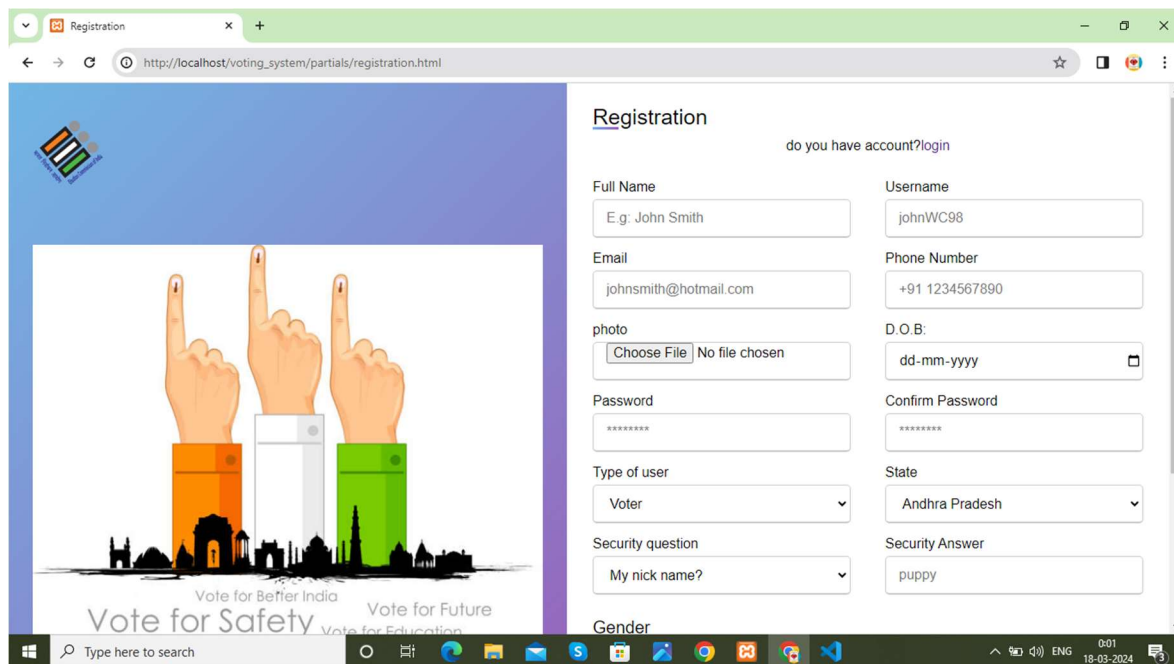
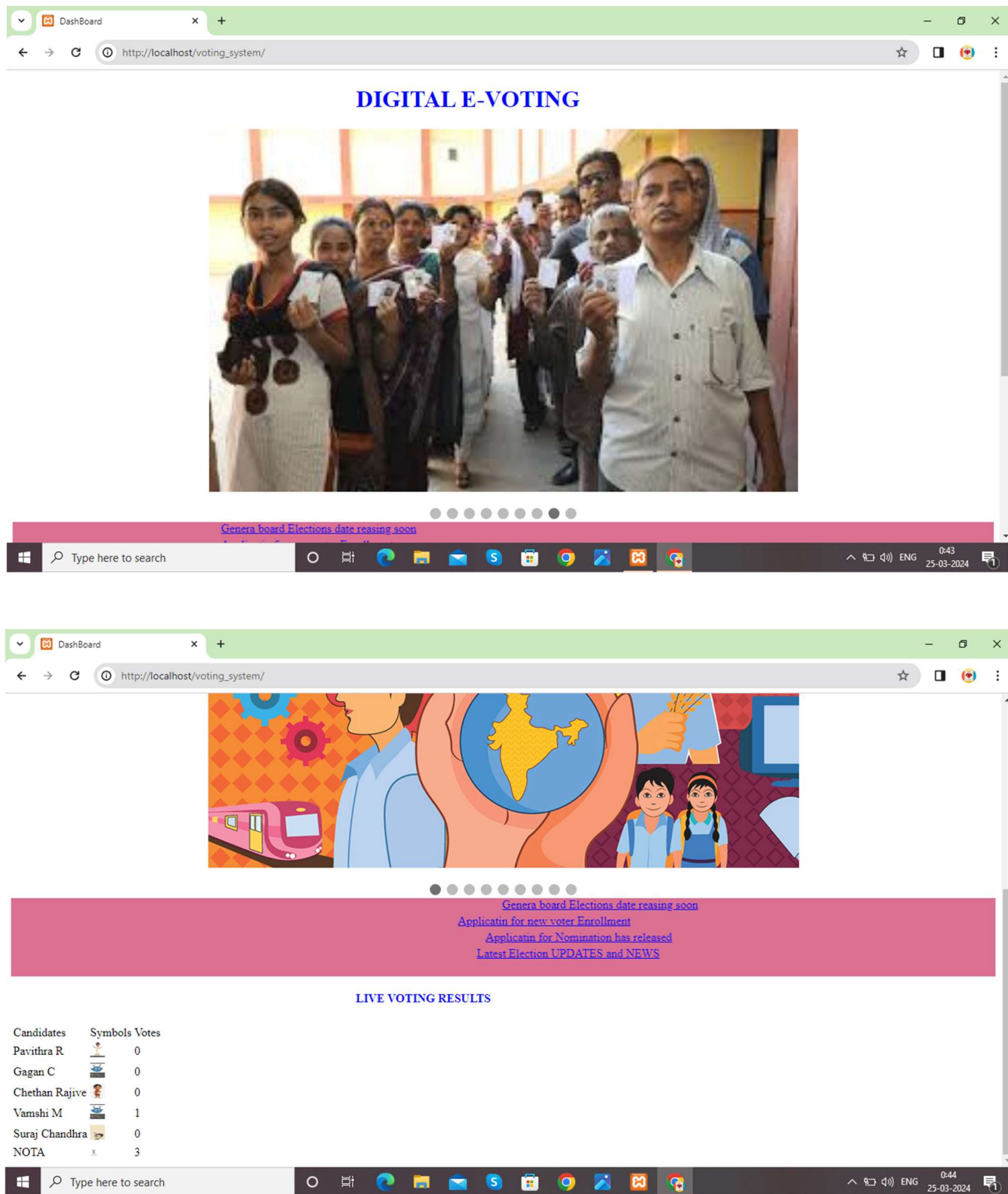**Fig 5.3 Registration Page**
Registration page for voters and candidates

Fig 5.4 Home Page

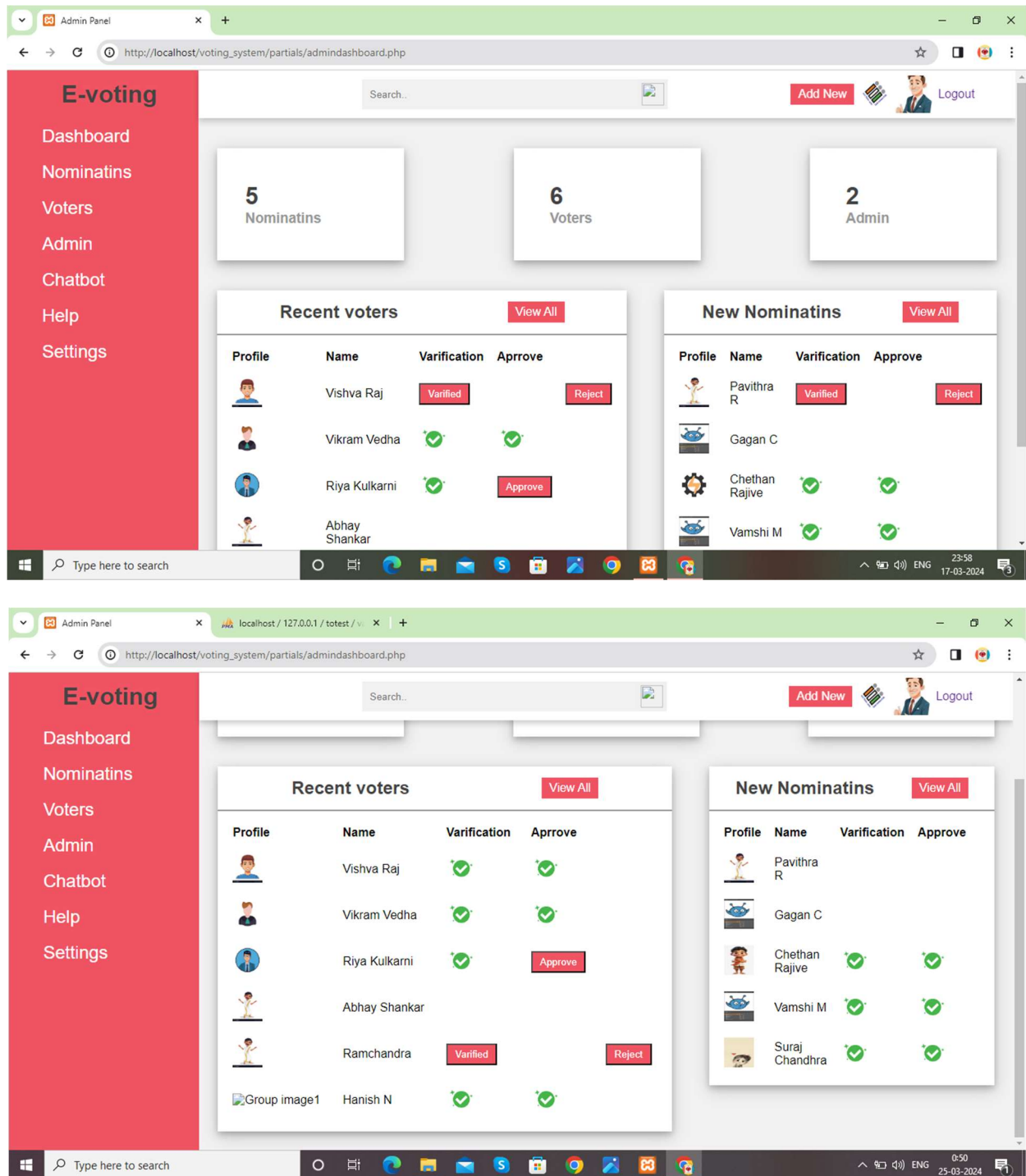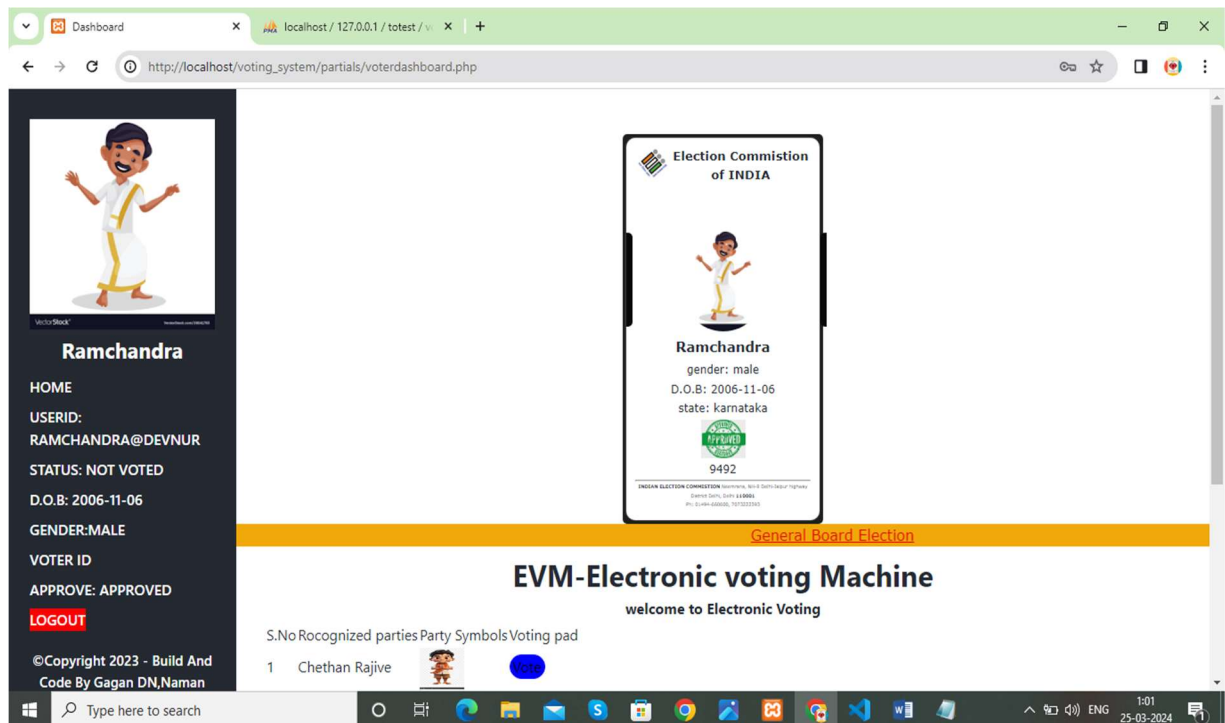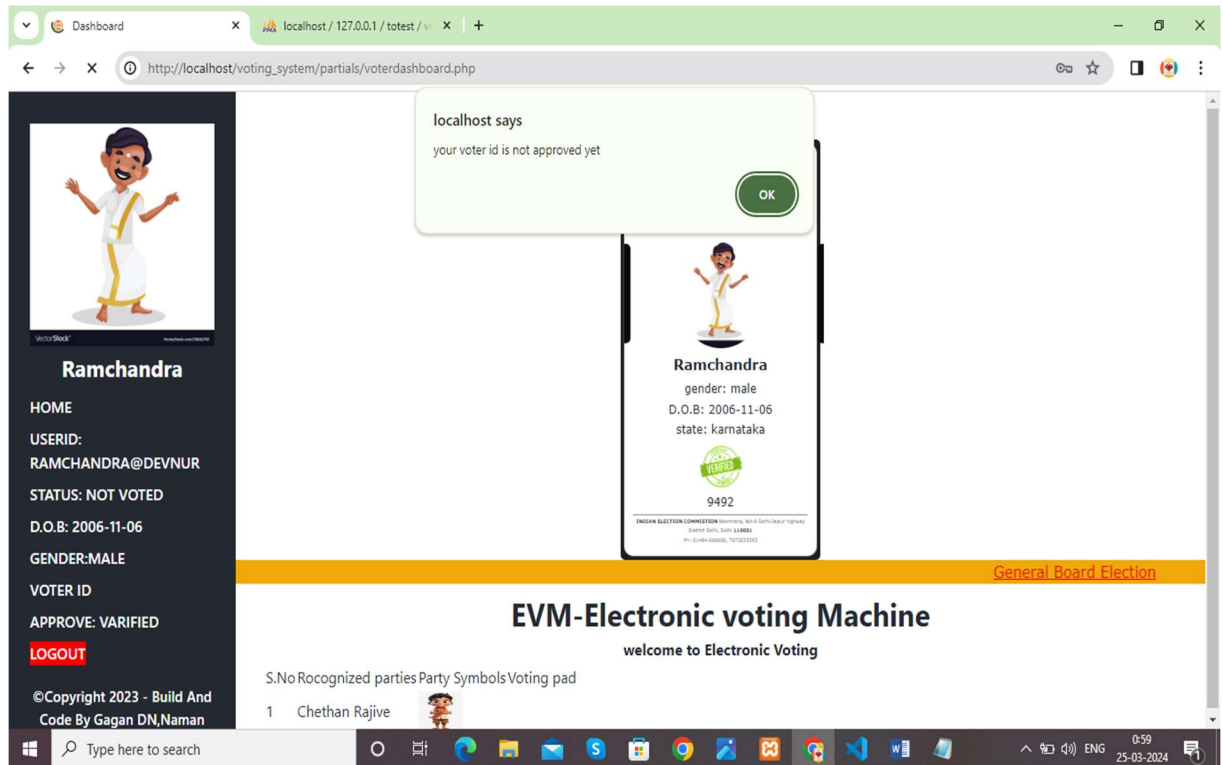Home page for users of the Digital voting system and live result update

Fig 5.5 Admin Dashboard Page

This page connects voters and nominators admin dashboard where admin countrol and authenticate ,verify and approve user
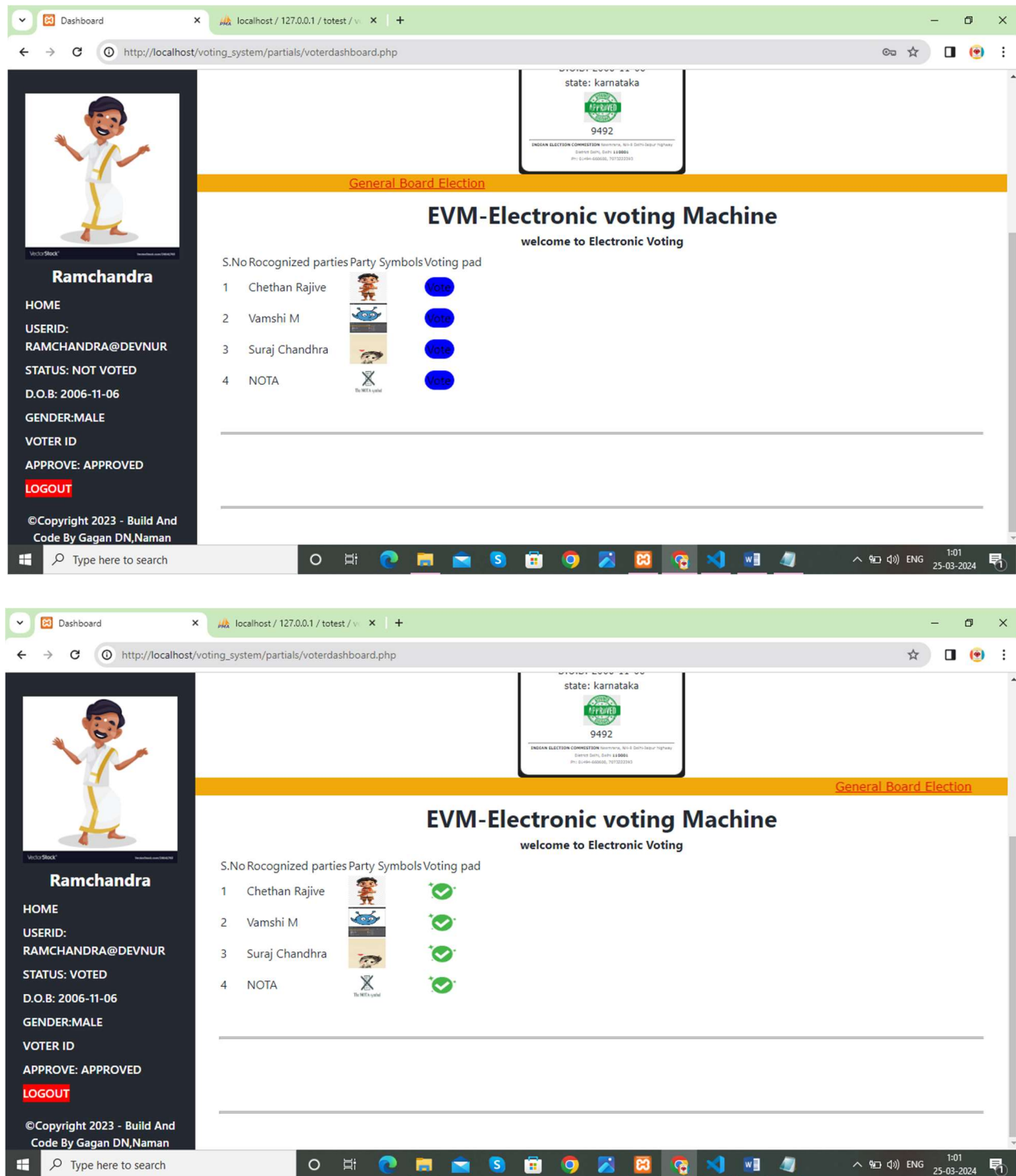
Fig 5.6 Voter Dashboard Page

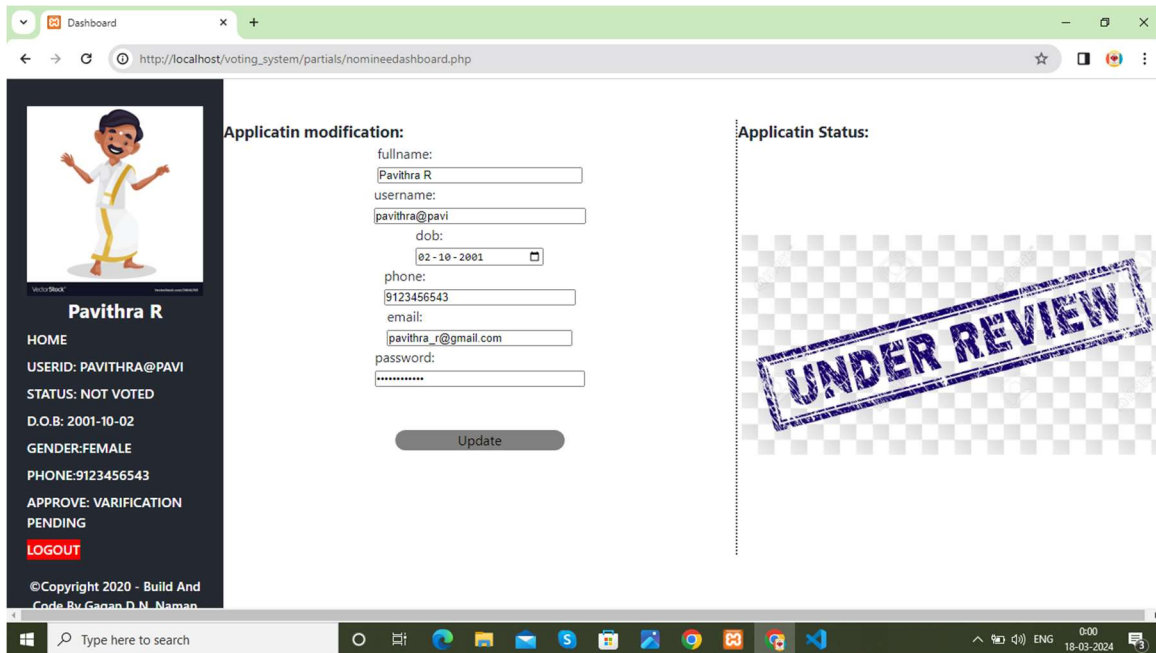Voter Dashboard Page contains all the details available for a voter and Digital EVM for voting

Fig 5.7 Nomination Dashboard Page

Nomination Dashboard Page contains all the details they can update their detailes

CONCLUSION

In the first part of our abstract, we have emphasized on creating an efficient database management system. We have built a database for Digital voting System using XAMPP MySQL server and PHP/HTML/CSS. Before implementing the database, in the design phase, we have explored various features, operations of Election commistion to figure out required entities, attributes and the relationship among entities to make an efficient entity relationship diagram. The project was created based on these factors were created and can be as a real world application in small scale stores with large amount of data in it.

Future Scope

A vast amount of future research can be possible by following the investigations and strategies described in this project. We haven't included all the features of the Management System in our database, it can further be improved with some better animations and additional functionalities. we are also planning to implement in real time and bring revolution in democracy. We also planning to implement Aadhaar based digital voting system in future.

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