

INTERNET AND WEB PROGRAMMING

ITA 6003

PROJECT TITLE

ONLINE VOTING SYSTEM

TEAM MEMBERS

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Literature Survey:

Sno	Journal name	author	description	Advantage of papers studies
1.	Online proof authority Voting system - A Survey	Prashanth P. Bungale and Swaroop Sridhar	In this paper refers to the use of computers or computerized voting equipment to cast ballots in an election. Sometimes, this term is used more specifically to refer to voting	Unique Identification of voter through Aadhar number/Voter-ID. Extremely secure system with one time password. Improves voting with friendly Android Interface.

			that takes place over the Internet. Electronic systems can be used to register voters, tally ballots, and record votes	No fraud vote can be submitted
2.	An Efficient Online Voting System	Ankit Anand , Pallavi Divya	The using of online voting has the capability to reduce or remove unwanted human errors. In addition to its reliability, online voting can handle multiple modalities, and provide better scalability for large elections. Online voting is also an excellent mechanism that does not require geographical proximity of the voters. For example, soldiers abroad can participate in elections by voting online.	This proposal paper enables a voter to cast his/her vote through internet without going to voting booth and additionally registering himself/herself for voting in advance, proxy vote or double voting is not possible, fast to access, highly secure, easy to maintain all information of voting, highly efficient and flexible.
3.	Online Voting system	Aakash1, Aashish , Akshit , Sarthak	portal gives voter a chance to cast his vote via internet without going to voting booth. Our portal provides a special chatbot also that will resolve any issue faced by user during the whole voting process. This system gives fast access, more security levels,	It provides quick results of elections which are completely accurate. Our system focuses on reducing the time and paper work. Hence the online voting system make all the voting process fast and give security to the votes.

			high flexibility and efficiency. It also eliminates the chances fake person casting vote or bogus voting. It also reduces man power and unwanted	
4.	Online voting system Server	Rajesh M. Ghadi	To make the voting process very easy and efficient wireless and web technologies are used. The online-voting system has the possibility of secure, easy and safe way to capture and count the votes in the election.	We would like to take the opportunity to express our heartfelt gratitude to the people whose help and coordination has made this seminar a success.
5.	Online Election System A proposed system for Pakistan	Abdul Aziz	To offer an online election system, it was necessary to study the current computerized voting system or voting machines working in different countries. Many developed countries USA, Australia have already adopted an online Election system.	In order to get better results in this study I tried to understand the paper-based polling system in Pakistan and not the least the drawbacks of the system. I studied different voting system with their advantages and disadvantages.
6.	Online Voting System Using Biometric Verification	M.N. Annadate , Shreyans Sunil Gandhi	this project development we have referred various papers to analyse the problems in the existing system	This paper discusses the working principles of traditional EVM system and the various problems concerned with

			and figure out solutions that are economically viable. Background research on the organization and comparative studies of existing systems is also done to more understand the system requirements before the system was developed. And by studying this system we designed system which is described in this paper This chapter deals with	the existing system. In the later part of the paper an electronic voting system has been proposed which uses biometric authentication and the votes casted are stored on a central server.
7.	Developing a Methodology for Observing Electronic Voting	Denial ans azhar	the brief description of various E Voting Systems published in IEEE papers by the IEEE Computer Society on Evoting In this paper months following the November 2006 meeting and the December 2006 pilot mission to Venezuela, The Carter Center has reached the following conclusions about the draft methodology and	functioning correctly, which enabled voters to system against outside attacks on the integrity of votes once they are stored in the machines and the transmission of
			plans to amend it accordingly in advance of subsequent	votes from the voting machine to the tally center.

			missions and	
			workshops	
8.	A STUDY ON	V.Arun Kumar ,	It is concluded	• Less number of
	ONLINE VOTING	A.Ganesan , Dr.		peoples required.
	SYSTEM	N.Revathy,R.Balaji	application works	• Candidate
	31312141	runevatny, n. Baiaji	well and satisfy	details will be
			the end users. The	available on
			application is	online.
			tested very well	
			l .	Admin can see
				the Result and
			properly	Feedbacks easily.
			debugged. The	 Accuracy of data
			application is	is achieved.
			simultaneously	
			accessed from	
			more than one	
			system.	
			Simultaneous	
			login from more	
			than one place is	
			tested. This	
			system is user	
			friendly so	
			everyone can use	
			easily. Proper	
			documentation is	
			provided. The end	
			user can easily	
			understand how	
			the whole system	
			is implemented by	
			going through the	
			documentation.	
			The system is	
			tested,	
			implemented and	
			the performance	
			is found to be	
			satisfactory. All	
			necessary output	
			_	
			Thus, the project	
			is completed	
	0 11	6 11	successfully.	
9.	Onile voting	Scytl company	In this paper	It proves Solutions
	technology	works	provides voters to	need to provide
			securely and easily	end-to-end
			cast their vote	security,

			from any location and on any device with a stable Internet connection. Internet voting enfranchises all voters, including remotely located voters, while ensuring privacy and results integrity and reducing the costs involved with conducting an election.	preventing both internal and external attacks, guaranteeing voters' privacy and allowing their audit by authorized third-parties.
10.	Online Voting System via Mobile	Chetan Sontakke , Swapnil Payghan , Shivkumar Raut , Shubham Deshmukh	In this papef used the security features of the electronic voting system and evoting system is better than manual voting system. Also, the author shows that voters, without any insider privileges can cast unlimited votes without being detected by any mechanisms within the voting terminal software.	The system can be used anytime and from anywhere by the Voters. No one can cast votes on behalf of others and multiple times. Saves time and reduces human intervention. The system is flexible and secured to be used. Unique Identification of voter through Aadhar number/Voter-ID. Extremely secure system with one time password. Improves voting with friendly Android Interface. No fraud vote can be submitted.

References:

- [1] "Electronic Voting," Encyclopedia of Computers and Computer History, prepared by Lorrie Faith Cranor and edited by Raul Rojas, published by Fitzroy Dearborn, 2001.
- [2] Alexander. Stakeholders: Who is your system for? IEEE: Computing and Control Engineering, 14(1):22{26, April 2003}.
- [3]. Alaguvel.R, Gnanavel.G, Jagadhambal.K, Biometrics Using Electronic Voting System with Embedded Security, Vol. 2, Issue. 3, March 2018.
- [4]Shivendra Katiyar, Kullai Reddy Meka, Ferdous A. Barbhuiya, Sukumar Nandi "Online Voting System Powered By Biometric Security" 2011 Second International Conference on Emerging Applications of Information Technology.
- [5] D. Balzarotti, G. Banks, M. Cova, V. Felmetsger, R. A. Kemmerer, W.Robertson, F. Valeur, and G. Vigna, "An Experience in Testing theSecurity of Real-World Electronic Voting Systems", IEEETransactions on Software Engineering, vol. 36, no. 4, 2010.
- [6] A. Villafiorita and K. Weldemariam, and R. Tiella, "Development, Formal Verification, and Evaluation of an E-Voting System with VVPAT," IEEE Transactions on Information Forensics and Security, vol. 4, no. 4, 2009.
- [7]. Analysing Online Voting Systems for Flaw Detection, By: MD Shamsur Rahim, Ehtesham Chowdhury.
- [8]. Putting library assessment data work, Selena Killick.
- [9]. Business system acceptance test analysis By: Martin James Lawrence.
- [10]. A. Chefranov, "One–Time Password Authentication with Infinite Hash Chains. Novel Algorithms and Techniques", In Telecommunications, Automation and Industrial Electronics, 2008, pp. 283-286

CODING:

```
<?php
$conn =new mysqli('localhost','root',",'voting');
if(isset($_POST['submit']))
{
       $RegisterNumber=$_POST['reg'];
       $Password=$_POST['pass'];
       if($RegisterNumber!="" && $Password!="")
      {
             $query="select * from loginpage where reg='$RegisterNumber'
pass='$Password'";
             $result=mysqli_query($conn,$query);
             $count=mysqli_num_rows($result);
             if($count>0)
             header('location:edit.php');
      }
       }
       else
      {
             echo '<script type="text/javascript"> alert("Enter correct RegisterNumber and
Password") </script>';
      }
}
?>
<!DOCTYPE html>
<html>
```

```
<head>
       <title></title>
       <style type="text/css">
              body
              {
                     background-color: gray;
                     background-image:url();
                     margin-top: 200px;
                     font-size: 35px;
                     padding-left: 50px;
              }
              fieldset
              {
                     box-shadow: 1px 2px 10px 10px red;
                     background-color: white;
                     width: 400px;
                     margin-left: 500px;
              }
              .aa
                     margin-left: 1250px;
                     margin-top: -350px;
              }
       </style>
       <script type="text/javascript">
```

```
function eligible()
          {
                alert("Only Student Of MCA Can Vote");
           }
          function contact()
          {
                alert("If Your Are Not Added Contact Us 8610213808");
           }
     </script>
</head>
<body>
     <form action="" method="post">
     <fieldset>
           Login page
                      Register No:
                      <input type="text" name="reg">
```

```
Password:
                      <input type="Password" name="pass">
                      <a href="studentlogin.php" target="studentlogin.php"><input
type="submit" name="submit" value="Submit" onclick="login()"></a>
                      </fieldset>
     <div class="aa">
     <a href="managementlogin.php">Management</a><br>
     <a href="" onclick="eligible()">Eligible Check</a><br>
     <a href="" onclick="contact()">Contact Us</a>
</div>
</form>
</body>
</html>
<!DOCTYPE html>
<html>
<head>
```

```
<title></title>
       <style type="text/css">
              body
              {
                     font-size: 30px;
                     background-color: skyblue;
              }
       </style>
</head>
<body>
<br><a href="vote.php" target="right">VOTE</a><br><br><br>
<a href="result1.php" target="right">View Result</a><br><br><br>
<a href="edit.php" target="right">Edit Profile</a><br><br>
<a href="feedback.php" target="right">Send Feedback</a><br><br><br>
<a href="right.php" target="right.php">LOGOUT</a>
</body>
</html>
<?php
if(isset($_POST['subr1']))
{
       header('location:vote1.php');
}
if(isset($_POST['subr2']))
       header('location:vote2.php');
}
```

```
?>
<!DOCTYPE html>
<html>
<head>
       <title></title>
       <style type="text/css">
              body
             {
                     background-color: blue;
             }
              .r
             {
                     width:40%;
                     height:600px;
                     margin-top: 50px;
                     margin-left: 30px;
                     background-color: skyblue;
             }
              .d
             {
                     width: 40%;
                     margin-left: 600px;
                     margin-top: -620px;
                     height:600px;
                     background-color: skyblue;
             }
              table
```

```
{
                font-size: 30px;
                text-align: center;
           }
           .round
          {
                border-radius: 50%;
                padding: 1px;
                border: 8px solid transparent;
                background: linear-gradient(90deg,#EFA51A,#ce00)
           }
     </style>
</head>
<body>
     <form action="" method="POST">
<fieldset class="r">
     <center>
           <img class="round" src="boy.jpg">
     NAME:
                RAHUL
           AGE:
                21
```

```
DEPATHMENT:
           MCA
       PHONE-NO:
           9597788387
       HOBBIES
           SOCIAL SERVIES
       <br>
    <br>
   <input type="submit" name="subr1" value="Give Vote">
   </center>
</fieldset>
<fieldset class="d">
    <center>
       <img class="round" src="boy.jpg">
```

```
NAME:
      DURAIRAJ
  AGE:
      21
  DEPATHMENT:
      MCA
  PHONE-NO:
      8610213808
  HOBBIES
     SOCIAL SERVIES
  <br>
<br>
  <input type="submit" name="subr2" value="Give Vote">
```

```
</center>
</fieldset>
</form>
</body>
</html>
<?php
$conn =new mysqli('localhost','root',",'voting');
if(isset($_POST['subr']))
{
       $Reg=$_POST['r2'];
       $name=$_POST['r1'];
if($Reg!="" && $name!="")
       $stmt=$conn->prepare("insert into votinglist(reg,name)values(?,?)");
       $stmt->bind param("ss",$Reg,$name);
       $stmt->execute();
       $stmt->close();
       $conn->close();
       echo '<script type="text/javascript"> alert("Your vote have been stored") </script>';
}
else
{
       echo '<script type="text/javascript"> alert("Your vote have Not been stored") </script>';
}
```

```
}
?>
<!DOCTYPE html>
<html>
<head>
       <title></title>
       <style type="text/css">
             body
             {
                    background-color: skyblue;
             }
             fieldset
             {
                    width: 20%;
                    margin-top:250px;
             }
      </style>
</head>
<body>
       <center>
<form action="" method="post">
       <fieldset>
       Confirm Your Candidate<br><br>
      You have Selected<input type="text" name="r1" value="DURAIRAJ"><br>
       Enter your Reg:no<input type="text" name="r2" value="95"><br>
       <input type="submit" name="subr" value="Give Vote">
```

```
<input type="submit" name="s" value="Cancel">
</fieldset>
</form>
</center>
</body>
</html>
<?php
$conn =new mysqli('localhost','root',",'voting');
if(isset($_POST['subr']))
{
       $Reg=$_POST['r2'];
       $name=$_POST['r1'];
if($Reg!="" && $name!="")
       {
       $stmt=$conn->prepare("insert into votinglist(reg,name)values(?,?)");
       $stmt->bind param("ss",$Reg,$name);
       $stmt->execute();
       $stmt->close();
       $conn->close();
       echo '<script type="text/javascript"> alert("Your vote have been stored") </script>';
}
else
{
       echo '<script type="text/javascript"> alert("Your vote have Not been stored") </script>';
}
```

```
}
?>
<!DOCTYPE html>
<html>
<head>
       <title></title>
       <style type="text/css">
             body
             {
                    background-color: skyblue;
             }
             fieldset
             {
                    width: 20%;
                    margin-top:250px;
             }
      </style>
</head>
<body>
       <center>
<form action="" method="post">
       <fieldset>
       Confirm Your Candidate<br><br>
      You have Selected<input type="text" name="r1" value="RAHUL"><br>
       Enter your Reg:no<input type="text" name="r2" value="91"><br>
       <input type="submit" name="subr" value="Give Vote">
```

```
<input type="submit" name="s" value="Cancel">
</fieldset>
</form>
</center>
</body>
</html>
<?php
$conn =mysqli_connect("localhost","root","","voting");
if(isset($_POST['back']))
{
       header('location:.php');
}
?>
<!DOCTYPE html>
<html>
<head>
<title></title>
<style type="text/css">
body{
  background-color: pink;
  background-image: url("pg.jpg");
  background-repeat: none;
  background-size: 100% 100%;
  background-attachment: fixed;
}
.r
```

```
width:40%;
height: 200px;
margin-top: 90px;
margin-left: 400px;
background-color:;
}
table
{
font-size: 30px;
text-align: center;
background-color: pink;
}
</style>
</head>
<body>
       <form action="" method="post">
<center>
<h1 style="color:red" >Congratulation You Are Elected...!</h1>
<?php
if(isset($_POST['check']))
{
      $date = date('Y-m-d');
       if($date=='2021-05-23')
      {
$query="SELECT count(*) as num FROM votinglist where name='RAHUL'";
$re=mysqli_query($conn,$query);
```

```
$re1=mysqli_fetch_assoc($re);
$test=$re1['num'];
$name='RAHUL';
}
else
{
     echo '<script type="text/javascript"> alert("The Result will publish on 19-05-2025")
</script>';
}
?>
NAME:
<input type="text" name="name" value="<?php echo $name; ?>">
Total Votes
<input type="text" name="total" value="<?php echo $test; ?>">
<?php
}
?>
<input type="submit" name="check" value="Show Result">
<br>
<br>
```

```
</center>
</form>
</body>
</html>
<?php
$conn =new mysqli('localhost','root',",'voting');
if(isset($_POST['Save']))
{
  $RegisterNumber=$_POST['Reg'];
  $Password=$_POST['pass'];
if($RegisterNumber!="" && $Password!="")
{
  $query="update loginpage set pass='$Password' where reg='$RegisterNumber'";
  $data=mysqli_query($conn,$query);
if($data)
  echo"<script>alert('Record Updated')</script>";
}
if(isset($_POST['later']))
    header('location:studentlogin.php');
}
?>
<!DOCTYPE html>
```

```
<html>
<head>
<style type="text/css">
 body{
    background-image: url("c.jpg");
    background-repeat: none;
    background-size: 100% 100%;
    background-attachment: fixed;
    color: red;
 }
  fieldset
 {
    margin-top: 150px;
    height: 180px;
    width: 500px;
  }
  .id{
    font-size: 30px;
```

```
}
 .bb
   margin-left: 1200px;
   font-size: 50px;
   margin-top: 300px;
   size: 50px;
 }
</style>
</head>
<body><br/>style="background-color: "></br>
 <form action="" method="post">
<center>
 <fieldset>
RegisterNO:
<input type="text" name="Reg">
New Password:
<input type="text" name="pass">
<input type="submit" name="Save" value="Save">
```

```
<th
                    href="studentlogin.php"><input type="submit"
                                                                          name="later"
           ><a
value="Later"></a>
</fieldset>
</center>
</form>
</body>
</html>
<?php
$conn =new mysqli('localhost','root',",'voting');
if(isset($_POST['add']))
{
      $RegisterNumber=$_POST['reg'];
      $Password=$_POST['pass'];
if($RegisterNumber!="" && $Password!="")
      {
      $stmt=$conn->prepare("insert into loginpage(reg,pass)values(?,?)");
      $stmt->bind_param("ss",$RegisterNumber,$Password);
      $stmt->execute();
      $stmt->close();
      $conn->close();
      echo '<script type="text/javascript"> alert("Student have been added in Database")
</script>';
}
else
```

```
{
       echo '<script type="text/javascript"> alert("Student have Not been added in Database")
</script>';
}
}
?>
<!DOCTYPE html>
<html>
<head>
       <title></title>
       <style type="text/css">
              fieldset
              {
                     margin-top: 70px;
                     width: 600px;
                     border-color: red;
                     box-shadow: 1px 2px 25px 25px;
              }
              body
              {
                     background-image: url("add3.jpg");
                     background-size: 100% 100%;
                     background-repeat: no-repeat;
                     background-attachment: fixed;
             }
              table
```

```
{
                 font-size: 30px;
                 text-align: bold;
           }
           input
           {
                 font-size: 20px;
           }
           .b
           {
                 margin-left:1400px;
                 margin-top: -220px;
           }
     </style>
</head>
<body>
     <form action="" method="post">
<center>
     <fieldset>
           <center>Enter the Student Details</center>
```

```
RegisterNumber:
                      <input type="text" name="reg">
                 Password:
                      <input type="text" name="pass">
                 <center>
                                href=""><input type="submit"
                                                               name="add"
                      <a
value="ADD"></a>
                 </center>
                 </fieldset>
</center>
</form>
<div class="b">
<a href="management.php"> <input type="submit" name="submit" value="Back"></a>
</div>
</body>
</html>
<?php
$conn =mysqli_connect("localhost","root","","voting");
if(isset($_POST['back']))
{
     header('location:management.php');
```

```
}
?>
<!DOCTYPE html>
<html>
<head>
      <title></title>
      <style type="text/css">
           body
           {
                 background-color: skyblue;
           }
      </style>
</head>
<body>
      <form action="" method="POST">
           <input type="submit" name="back" value="BACK">
      <center>
<input type="text" name="name">
<input type="submit" name="search" value="Search"><br>
<input type="submit" name="show" value="Show all List">
Register Number
Voter Name
<?php
if(isset($_POST['show']))
```

```
{
$result=mysqli_query($conn,"SELECT reg,name from votinglist");
while($row=mysqli_fetch_array($result))
{
?>
<?php echo $row['reg'];?>
<?php echo $row['name'];?>
<?php
}
?>
<?php
if(isset($_POST['search']))
{
     $id=$ POST['name'];
     $result=mysqli_query($conn,"SELECT reg,name from votinglist where name='$id'");
     while($row=mysqli_fetch_array($result))
{
?>
<?php echo $row['reg'];?>
<?php echo $row['name'];?>
```

```
<?php
}
?>
</center>
</form>
</body>
</html>
<?php
$connection=mysqli_connect("localhost","root","");
$db = mysqli_select_db($connection, 'voting');
if(isset($_POST['delete']))
$id = $_POST['id'];
$query="DELETE FROM loginpage WHERE id='$id' ";
$query_run = mysqli_query($connection, $query);
if($query_run)
{
echo '<script type="text/javascript"> alert("Data Delete") </script>';
}
else
echo '<script type="text/javascript"> alert("Data Not Delete") </script>';
}
```

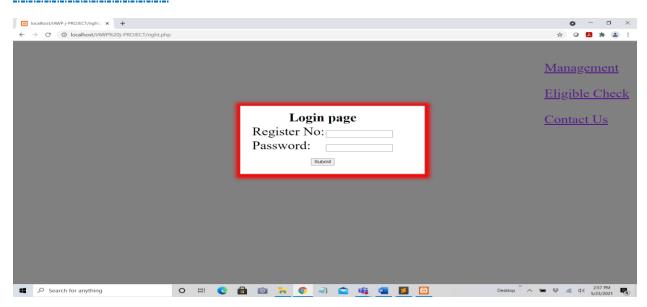
```
}
if(isset($_POST['back']))
{
       header('location:management.php');
}
?>
<!DOCTYPE html>
<html>
<head>
       <title></title>
       <style type="text/css">
              fieldset
              {
                     margin-top: 70px;
                     width: 600px;
                     border-color: red;
                     box-shadow: 1px 2px 25px 25px;
             }
             body
                     background-image: url("delete.png");
                     background-size: 100% 100%;
                     background-repeat: no-repeat;
                     background-attachment: fixed;
```

```
}
          table
          {
               font-size: 30px;
               text-align: bold;
          }
          input
          {
               font-size: 20px;
          }
     </style>
</head>
<body>
     <form action="" method="POST">
<center>
     <fieldset>
          <center>Delete Student</center>
               Register Number:
                    <input type="text" name="id">
```

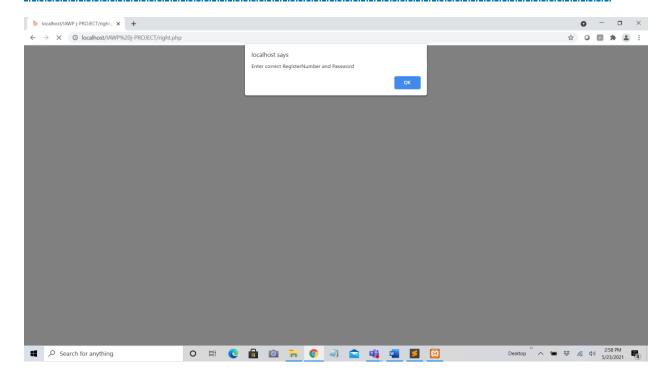
```
<center>
                              href=""><input type="submit" name="delete"
                     <a
value="DELETE"></a>
                </center>
                <center>
                     <a
                               href="management.php"><input type="submit"
name="back" value="BACK"></a>
                </center>
                </fieldset>
</center>
</form>
</body>
</html>
```

SCREENSHOT:

LOGIN PAGE:



INCORRECT REGISTER NUMBER AND PASSWORD:

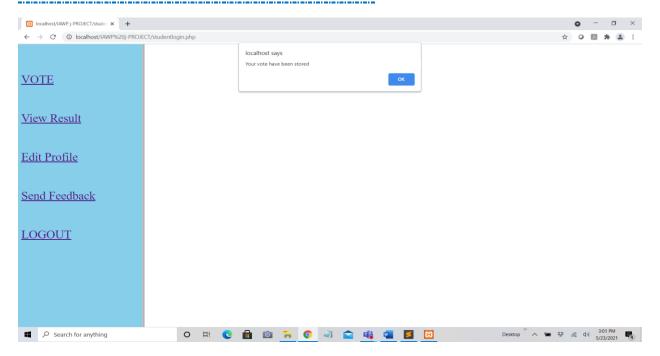


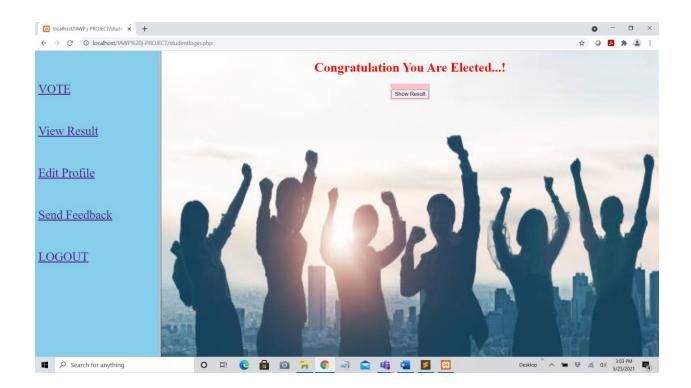
VOTING PAGE:



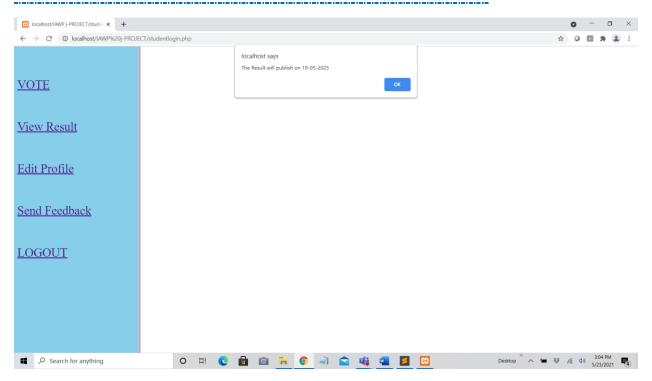


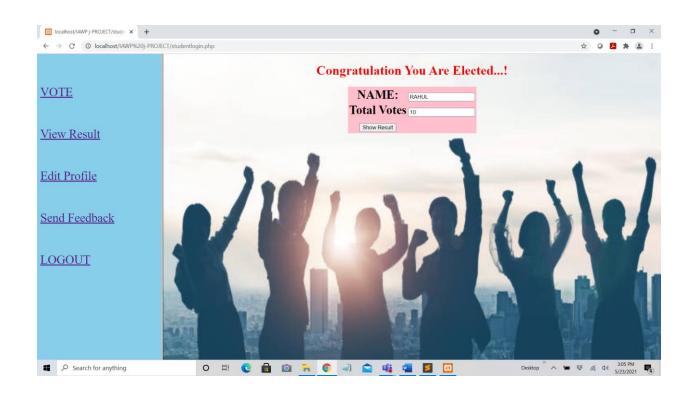
ALERT MESSAGE OF VOTE:

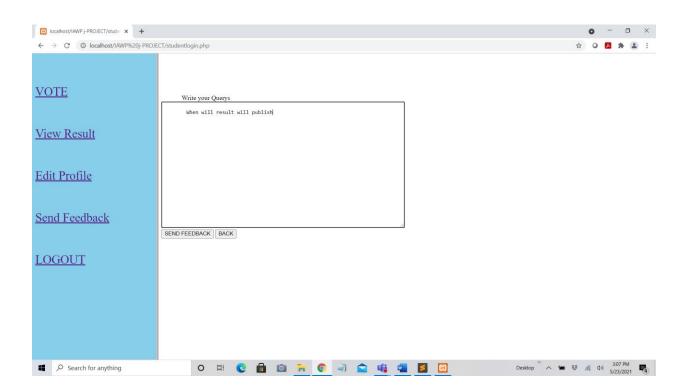


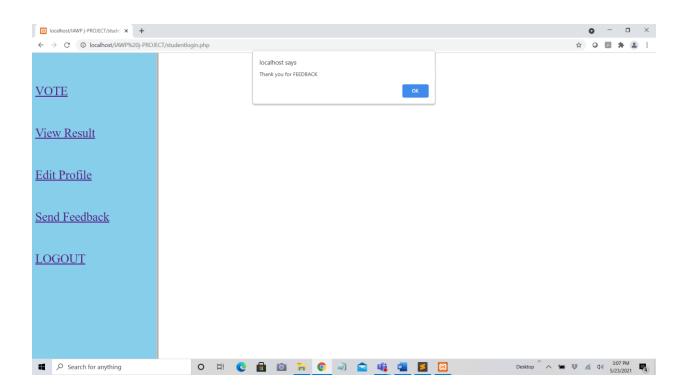


USING DATE FUNCTION ON RESULT:

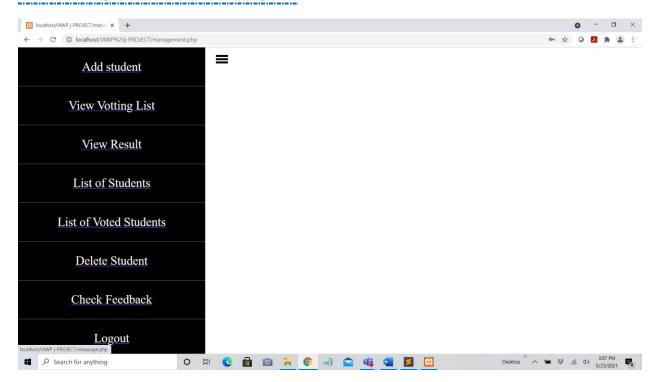








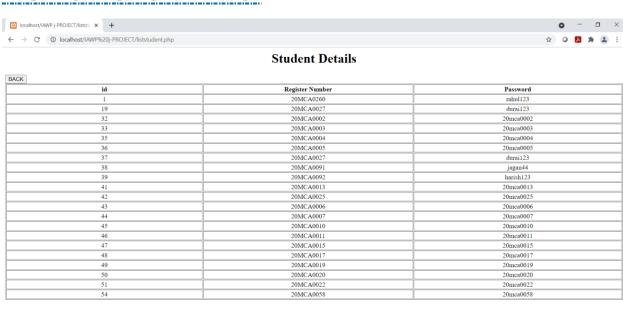
MANAGEMENT PAGE:





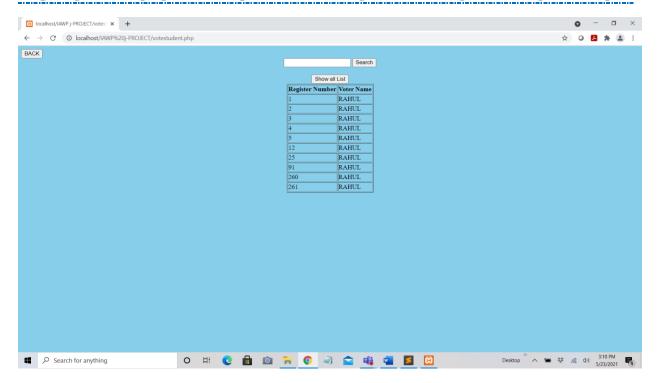
LIST OF STUDENTS:

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LIST OF REGISTER NUMBER WHO HAVE VOTED TO RAHUL:



LIST OF REGISTER NUMBER WHO HAVE VOTED TO DURAIRAJ:

