

A Project Report on ONLINE VOTING SYSTEM



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Submitted to

Under the supervision of

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as a part of

Mini Project in E3

Acknowledgement

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With sincere regards,
G Saisree,
R Anusha,
D Subramanyam.



Certificate

This is to certify that the report entitled “**Online Voting System**” submitted by G Saisree, R Anusha, D Subramanyam in partial fulfillment of the requirement for the award of Bachelor of Technology in Computer Science and Engineering is a bona fide work carried out by us under his supervision and guidance.

The report hasn't been submitted previously in part or in full to this or any other university or institution for the award of any degree.

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Declaration

We **G Saisree, R Anusha, D Subramanyam** here by declare that this report entitled “**Online Voting System**” submitted by us under the guidance and supervision of **Mr. N Chandrasekhar**, is a bonafide work. We also declare that it has not been submitted previously in part or in full to this university or other university or institution for the award of any degree or diploma.

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Abstract

“ONLINE VOTING SYSTEM” is an online voting technique. In this system people who have been in an organization and those who participated in election can give his\her vote online without going to any physical polling station. There is a database which is maintained in which all the names of voters with complete information is stored. Voters has to register manually in the website or they can be added by the admin. After registering into the website they will be able to vote to their respective likely parties.

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1. Introduction

1.1 Background

The Online voting system (OVS) also known as e-voting is a term encompassing several different types of voting embracing both electronic means of counting votes. Electronic voting technology can include punched cards, optical scan voting systems and specialized voting kiosks (including self contained direct-recording electronic voting systems or DRE). It can also involve transmission of ballots and votes via telephones, private computer networks, or the internet.

Online voting is an electronic way of choosing leaders via a web driven application. The advantage of online voting over the common “queue method” is that the voters have the choice of voting at their own free time and there is reduced congestion. It also minimizes on errors of vote counting. The individual votes are submitted in a database which can be queried to find out who of the aspirants for a given post has the highest number of votes.

This system is geared towards increasing the voting percentage in Nepal since it has been noted that with the old voting method {the Queue System}, the voter turnout has been a wanting case. With system in place also, if high security is applied, cases of false votes shall be reduced.

With the “ONLINE VOTING SYSTEM”, a voter can use his\her voting right online without any difficulty. He\She has to register as a voter first before being authorized to vote. The registration should be done prior to the voting date to enable data update in the database.

However, not just anybody can vote. For one to participate in the elections, he/she must have the requirements. For instance, he/she must be a registered citizen i.e. must be 18 and above years old. As already stated, the project ‘Online Voting’ provides means for fast and convenient voting and access to this system is limited only to registered voters.

1.2 Introduction

“ONLINE VOTING SYSTEM” is an online voting technique. In this system people who have been in an organization and those who participated in election can give his\her vote online without going to any physical polling station. There is a database which is maintained in which all the names of voters with complete information is stored.

In “ONLINE VOTING SYSTEM” a voter can use his\her voting right online without any difficulty. He\She has to be registered first for him/her to vote. Registration is done by both the System admins and the users. The user can register themselves by clicking on Registration page and by submitting some necessary fields like Firstname, Lastname, Username, Password. They can be registered for the voting.

After registration, he/she can use to log into the system by the username and password and enjoy services provided by the system such as voting. They can able to make the vote. If invalid/wrong details are submitted, then the citizen is not registered to vote.

1.3 Purpose

The specific objectives of the project include:

- Reviewing the existing/current voting process or approach in Organization
- Coming up with an automated voting system in Organization
- Implementing a an automated/online voting system
- Validating the system to ensure that only legible voters are allowed to vote

1.4 Scope

It is focused on studying the existing system of voting in and to make sure that the peoples vote is counts, for fairness in the elective positions.

Less effort and less labor intensive, as the primary cost and focus primary on creating, managing, and running a secure web voting portal.

Increasing number of voters as individuals will find it easier and more convenient to vote, especially those who are abroad having name on voter list.

2. Overall Description

2.1 Product Perspective

“ONLINE VOTING SYSTEM” is an online voting technique. In this system people who have been in an organization and those who participated in election can give his\her vote online without going to any physical polling station. There is a database which is maintained in which all the names of voters with complete information is stored.

In “ONLINE VOTING SYSTEM” a voter can use his\her voting right online without any difficulty. He\She has to be registered first for him/her to vote. Registration is done by both the System admins and the users. The user can register themselves by clicking on Registration page and by submitting some necessary fields like Firstname, Lastname, Username, Password. They can be registered for the voting.

After registration, he/she can use to log into the system by the username and password and enjoy services provided by the system such as voting. They can be able to make the vote. If invalid/wrong details are submitted, then the citizen is not registered to vote.

2.2 Product Function

In “ONLINE VOTING SYSTEM” a voter can use his\her voting right online without any difficulty. He\She has to be registered first for him/her to vote. Registration is done by both the System admins and the users. The user can register themselves by clicking on Registration page and by submitting some necessary fields like Firstname, Lastname, Username, Password. They can be registered for the voting.

After registration, he/she can use to log into the system by the username and password and enjoy services provided by the system such as voting. They can be able to make the vote. If invalid/wrong details are submitted, then the citizen is not registered to vote.

2.3 User Characteristics

There are mainly two users interacting with each other in this system:
Admin and voter

The voter registers through the website or at the stop of election office. The admin assists them and makes registrations of the voters. The admin updates the database of the voters. The voter will do their registrations manually and vote their respective likeable parties.

The admin can handle the registrations, login accounts and the profiles of the voters and the vote results. He will be accessed to see the vote results.

2.4 Constraints

The voter is constrained to create an account first to avail the services. The internet connection is also a constraint for this web application. The web application is also constrained by the database capacity so it works well with a smaller number of donors .

The access to manage the databases are different for different people. The Admin is given the access to maintain the database of the registered donors and Patients.

2.5 Assumptions and Dependencies

It is assumed that the users have enough resources to run the web application i.e a mobile phone or a computer that supports the required functions.

The web application uses MySQL for creating and managing the database. The front end is designed with the help of HTML, CSS and php.

TECHNOLOGIES:

1. MySQL
2. HTML
3. CSS

4.PHP

5.Xampp

MySQL:

MySQL creates a database for storing and manipulating data, defining the relationship of each table. Clients can make requests by typing specific SQL statements on MySQL. The server application will respond with the requested information and it will appear on the client's side.

HTML :

Hypertext Markup Language (HTML) is the primary language standard used to organize and format web page and other documents on the world wide web. It is often used in conjunction with Cascading style sheet (CSS) and JavaScript to create a fully responsive web page that displays correctly on all device screens.

CSS:

CSS stands for Cascading Style Sheets

- CSS describes how HTML elements are to be displayed on screen, paper, or in other media
- CSS saves a lot of work. It can control the layout of multiple web pages all at once
- External stylesheets are stored in CSS files

PHP:

PHP is an open-source, interpreted and object-oriented scripting language that can be executed at the server-side. PHP is well suited for web development. Therefore, it is used to develop web applications (an application that executes on the server and generates the dynamic page).

Xampp:

1. Apache:

(Application Server) Apache , often referred to as Server, is an open-source Java Servlet Container developed by the Apache Software Foundation.

2. MySqlServer:

- a. It handles large databases much faster than existing solutions.
- b. It consists of multi-threaded SQL server that supports different back ends, several different client programs and libraries, administrative tools, and application programming interfaces (APIs).
- c. Its connectivity, speed, and security make MySQL Server highly suited for accessing databases on the Internet.

3. Requirements

3.1 Functional Requirements

1. Access Website:

User should be able to access web-application through either an application browser or similar service on the mobile phone or computer. There should not be any limitation to access web-application.

2. User Registration:

Given that user has accessed web-application, then the user should be able to register through the web-application. The voter must provide their Firstname, Lastname, username and password.

3. User log-in:

Given that the user has registered, then the user should be able to login to the web-application. The login information will be stored on the database for future use.

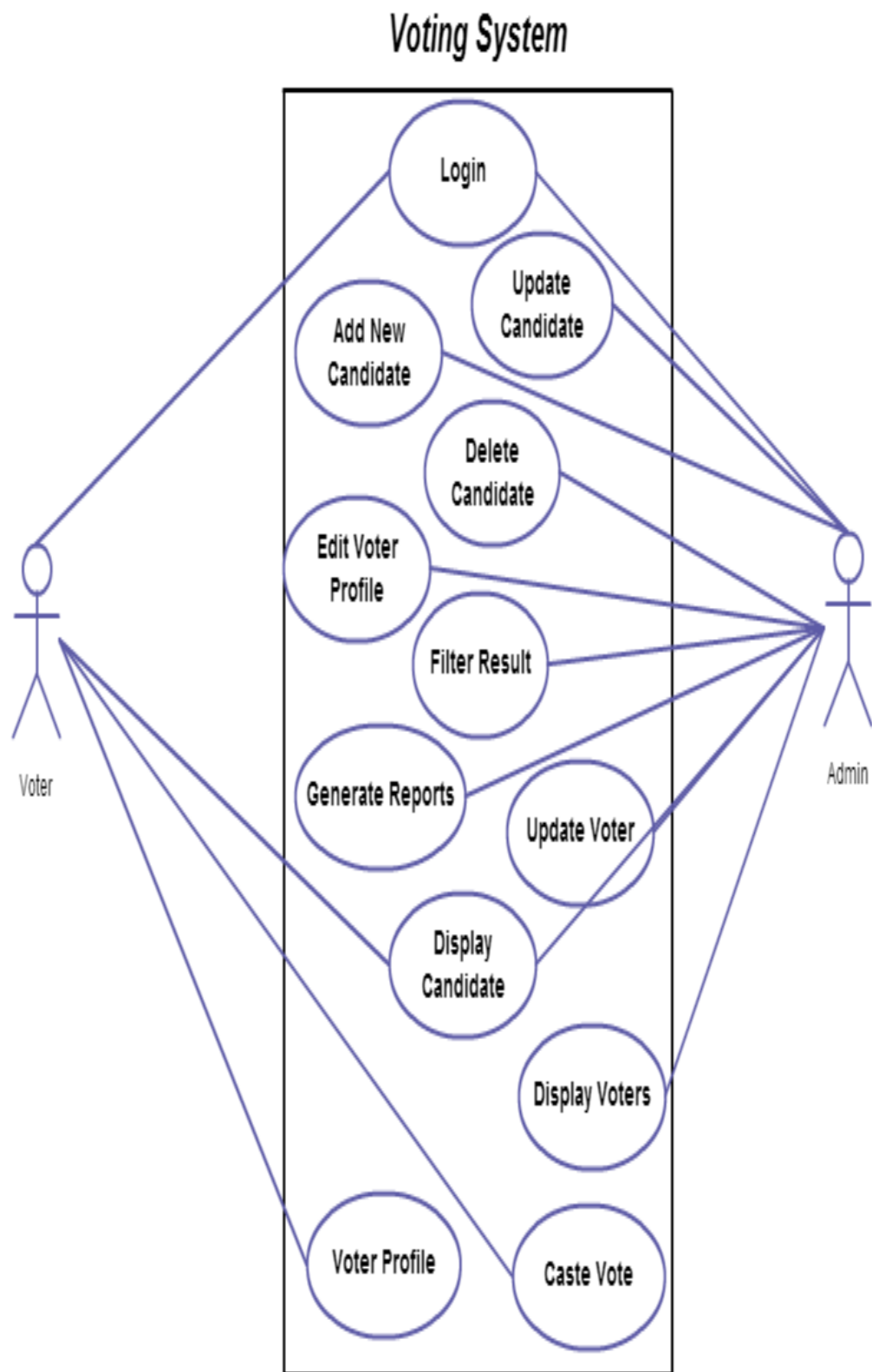
4. Voting:

Voter can vote by logging in to the website they make their vote securely for their likeable parties.

5. Vote Results

The voter and the admin both can view the vote Results in the Vote results tab. They can see the count of the votes that each party has got.

4. Usecase Diagrams



USE CASE SPECIFICATIONS:

- This use case diagram is a graphic depictions of the interactions among the elements of Online voting system.
- It represents the methodology used in system analysis to identify,clarify and organize system requirements of Online voting system.
- The main actors are : ADMIN, VOTER

ADMIN FUNCTIONALITIES:

- The administrator session begins when the admin enters a valid username and password. If the username or password are invalid, an error screen is displayed, and no session is started. The administrator is allowed to perform one or more tasks, choosing the task each time from a menu of options. THE session will initiate the appropriate task. After each successful task the administrator is asked if he/she would like to perform another task. If the task fails for any reason, an error screen is displayed and the user is asked if he/she would like to perform another task. When the administrator is finished with the session, the session is closed.
- An administrator selects the add/delete candidate task from the administrator session options list. The administrator then selects the appropriate election to add/remove a candidate. The admin then selects if he/she wants to add or remove a candidate. If add is selected, the user is then asked to enter the name and personal information about the candidate. If delete is selected the admin is presented with a list of candidates to delete. The admin selects the desired candidate to be deleted and presses 'ok', otherwise pressing 'cancel' to not delete anybody. When completed the admin is asked if he/she would like to save the changes, If the admin answers "no", the changes are discarded. if the answer is "yes" the changes are saved. The admin is then returned to the administrator session.
- An administrator selects the manage task from the administrator session options list. The administrator then selects the appropriate election

to manage the voters. The admin is presented with a list of voters which can be managed for this election. The admin selects the voter to manage, and then updates the voter's attributes (such as if he/she can vote in the electoral college, etc.). If the task fails for any reason, an error screen is displayed and the admin is asked if he/she would like to perform the task again, continuing until the task completes or the admin cancels the task. If completed the admin is asked if he/she would like to save the changes, If the admin answers "no", the changes are discarded. if the answer is "yes" the changes are saved. The admin is then returned to the dministrator session.

An administrator selects the report results task from the administrator session option list. The administrator chooses what election he/she would like to report the results for, only elections that are completed will be selectable. The system then report's the results for the specified election. If the report fails, an error screen is displayed to the administrator, the administrator has the option of attempting to run the report again, or exiting the task. If exit task is chosen, the task is ended and the administrator is returned to the administrator session. If the report is successful, the administrator is presented with the results. The results can be used in the update documents use case. The task is ended and returned to the administrator session.

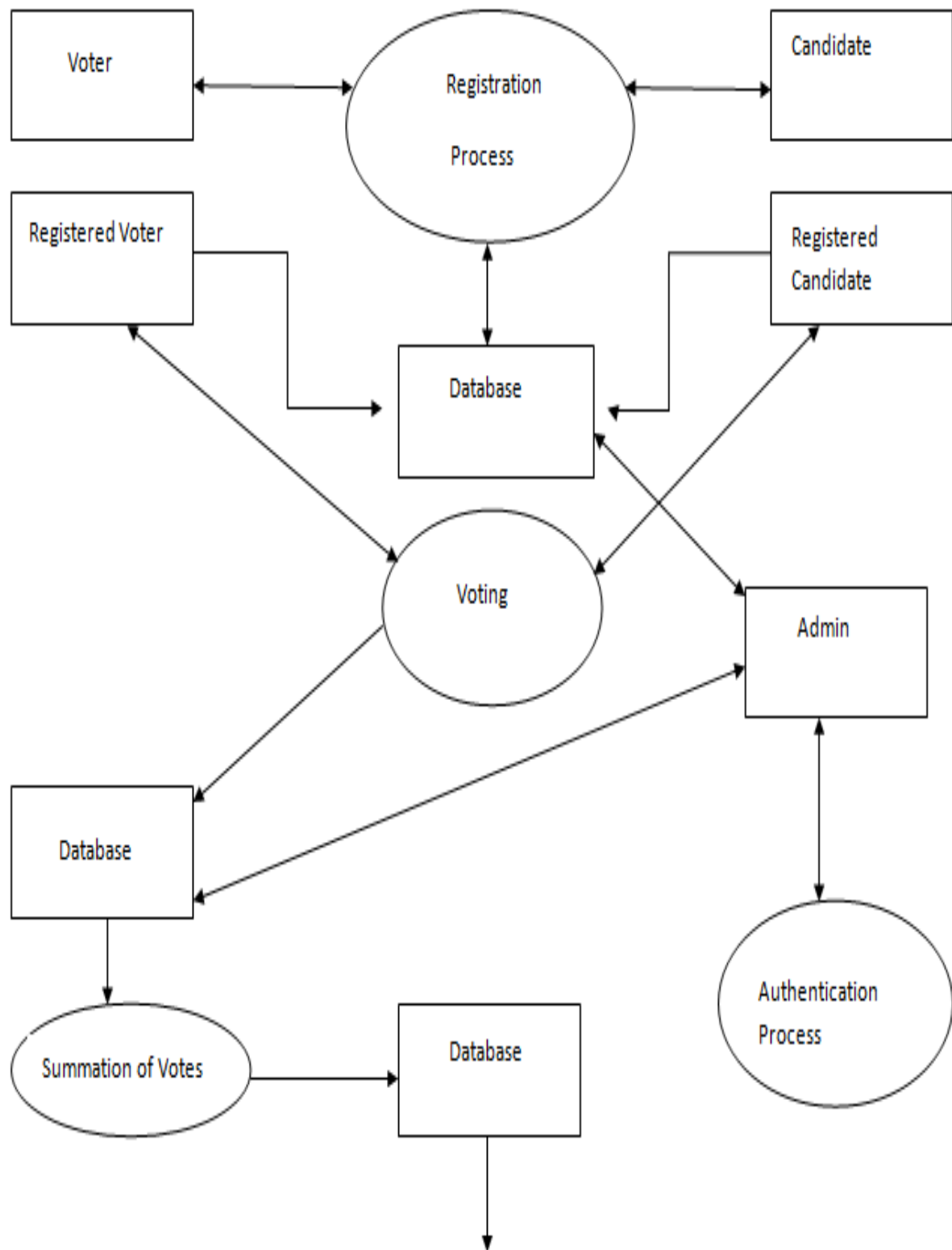
VOTER FUNCTIONALITIES:

- The voter begins the use case by entering a valid social security number and voter id number. If the information is invalid, he will recieve an error message and asked to enter the information again. If the information is valid, he will be asked to enter information about himself: phone number, address, party affiliation, demographics information, etc. If any information is invalid, the user asked to re-enter the information which was previously invalid. If the user cancels the registration at any time, no information is saved. If all the information is validly entered, the user is asked if he would like to

save the information. If he selects no, the information is discarded; if he selects yes, the information is saved into his profile.

- A voter selects a vote task from the session options list. The voter first selects what election type he would like to vote in: local, state, national. Once the voter selects the voting type, he will either be asked to enter a new vote, or change his vote if he has already voted in this election, and the election is not yet over. The voter enters his vote by selecting from a choice of candidates for the current election type. If anything goes wrong an error screen is returned and the voter is asked to select another voter transaction type from the voter session. If the voter successfully enters his vote, the vote is logged and the user will be asked if he/she would like to perform any other tasks in the voter session.
- A voter selects the check results case from the session option list. The voter is then presented with a menu of elections from which he can check results. He can only check results when the election is closed. After the voter selects an election, he is presented with a menu of results he can check: winner, statistics, demographics, etc. Once he is done checking results for this election, he clicks on "stop viewing election results". He is then asked if he would like to check results for other registered elections. If he says no, he will then be asked if he would like to perform any other tasks in the voter session.

5. ER DIAGRAMS:



6. CODE

auth.php

```
<?php
if (!isset($_SESSION['SESS_NAME'])) {
    header("Location: login.php");
}
?>
```

header.php

[illegible]

change_password.php

```
<?php
if(!isset($_SESSION)) {
session_start();
}
include "auth.php";
include "header_voter.php";
?>

<br>

<br>

<center><h3>Change Password</h3></center>

<h4 style="color:blue;"><?php global $nam; echo $nam;?> </h4>

<?php global $error; echo $error;?>


<center><form action="change_pass_action.php" method="post"
id="myform">

Current Password :

<input type="password" name="cpassword" value="" >

<br>

<br>

New Password:

<input type="password" name="npassword" value="" >

<br>

<br>

Confirm New Password:

<input type="password" name="cnpassword" value="" >
```

```
<br>
<br>
<input type="submit" name="cpass" value="UPDATE" >
</form></center>
<script type="text/javascript">
var frmvalidator = new Validator("myform");
frmvalidator.addValidation("cpassword","req","Please enter Current Password");
frmvalidator.addValidation("cpassword","maxlen=50");
frmvalidator.addValidation("npassword","req","Please enter New Password");
frmvalidator.addValidation("npassword","maxlen=50");
frmvalidator.addValidation("cnpassword","req","Please enter Confirm New Password");
frmvalidator.addValidation("cnpassword","maxlen=50");
</script>
<br>
<br>
<?php include "footer.php";?>
```

change_password.php

```
<?php
session_start();
include "auth.php";
include "connection.php";
if(isset($_POST['cpass'])) {
    $currentpass = md5($_POST['cpassword']) ;
    $newpass = md5($_POST['npassword']);
    $cnewpass = md5($_POST['cnpassword']);
    $currentpass = addslashes($currentpass);
    $newpass = addslashes($newpass);
    $cnewpass = addslashes($cnewpass);
    $currentpass = mysqli_real_escape_string($con, $currentpass);
    $newpass = mysqli_real_escape_string($con, $newpass);
    $cnewpass = mysqli_real_escape_string($con, $cnewpass);

    $sql = mysqli_query($con, 'SELECT password FROM loginusers
    WHERE username="'.$_SESSION['SESS_NAME'].'" ');
    $row = mysqli_fetch_assoc($sql);
    $pass = $row['password'];
    if ($currentpass != $pass) {
        $error = "<center><h4><font color='#FF0000'>Incorrect Current
        Password!</h4></center></font>";
        include ("change_pass.php");
    }
    else if ($currentpass == $pass && $newpass == $cnewpass){
```

```
$sql1 = mysqli_query($con, 'UPDATE loginusers SET password="'.  
md5($_POST['npassword']).'" WHERE username="'.  
$_SESSION['SESS_NAME'].'" ');  
  
$error = "<center><h4><font color='green'>Password successfully  
changed!</h4></center></font>";  
  
include ("change_pass.php");  
  
}  
  
else {  
    $error = "<center><h4><font color='#FF0000'>New Password and  
Confirm Password does not match!</h4></center></font>";  
    include ("change_pass.php");  
}  
  
}  
  
else {  
    $error = "<center><h4><font  
color='#FF0000'>Error!</h4></center></font>";  
    include ("change_pass.php");  
}  
  
?>
```

connection.php

```
<?php
$con = mysqli_connect("localhost","root","","polltest") or die ("error" .
mysqli_error($con));
?>
```

FOOTER.PHP

```
<br>
<br>
<br>
<br>
<center><font color="red"><b><i></i></b></font><i></i></center>
</body>
</html>
```

header_voter.php

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Home</title>
<script src="jscrip/validation.js" type="text/javascript"></script>
</head>
```



```
<body bgcolor="#EBE9E9">
```

```
<center><font size='6' >
```

```
<a href="voter.php">Home</a>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<a  
href="lan_view.php">Vote Results</a>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<a  
href="profile.php">Profile</a>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<a  
href="logout.php">Logout</a>
```

```
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<a href="change_pass.php">Change  
Password</a>
```

```
</font></center>
```

index.php

```
<?php include "header.php";
```

```
session_start();
```

```
if (isset($_SESSION['SESS_NAME'])!="") {
```

```
    header("Location: voter.php");
```

```
}
```

```
?>
```

```
<?php global $msg; echo $msg;?>
```

```
<p><center><legend><font color='#008000' size='18'>This system allows  
all registered users to vote for their favorite POLITICAL PARTY.</p>
```

```
<p>In order to make a vote you have to register first and then  
login.</font></legend></center>
```

```
<p>&nbsp;&nbsp;&nbsp;</p>
```

```
<?php include "footer.php";?>
```

lan_view.php

```
<?php
if(!isset($_SESSION)) {
session_start();
}
include "auth.php";
include "header_voter.php";
?>

<center><h3> Voting So Far </h3></center>

<?php
include "connection.php";
$member = mysqli_query($con, 'SELECT * FROM languages' );
if (mysqli_num_rows($member)== 0 ) {
    echo '<font color="red">No results found</font>';
}
else {
    echo '<center><table><tr bgcolor="#FF6600">
<td width="30px">ID</td>
<td width="100px">LANGAUAGE</td>
<td width="100px">ABOUT</td>
<td width="30px">VOTE</td>
</tr>';
while($mb=mysqli_fetch_object($member))
    {
        $id=$mb->lan_id;
        $name=$mb->fullname;
```

```

        $about=$mb->about;
        $vote=$mb->votecount;
        echo '<tr bgcolor="#BBBEFF">';
        echo '<td>'.$id.'</td>';
        echo '<td>'.$name.'</td>';
        echo '<td>'.$about.'</td>';
        echo '<td>'.$vote.'</td>';
        echo "</tr>";
    }
    echo'</table></center>';
}
?>

```

login.php

```

<?php include "header.php";
if(!isset($_SESSION)) {
    session_start();
}
if (isset($_SESSION['SESS_NAME'])!="") {

}
?>
<br>
<center>
<legend> <h3>Login for Voting </h3></legend>
<br>

```

```

</center>

<?php global $nam; echo $nam; ?>

<?php global $error; echo $error; ?>

<br>

<center><font size="4" >

<form action="login_action.php" method="post" id="myform" >

Username :

<input type="text" name="username" value="" >

<br>

<br>

Password :

<input type="password" name="password" value="" >

<br>

<br>

<input type="submit" name="login" value="login" >

</form></font>

</center>

<script type="text/javascript" >

var frmvalidator = new Validator("myform");

frmvalidator.addValidation("username" , "req" , "Please Enter Username");

frmvalidator.addValidation("username", "maxlen=50");

frmvalidator.addValidation("password", "req" , "Please Enter Password");

</script>

<?php include "footer.php"; ?>

```

login_action.php

```
<?php
session_start();
include "connection.php";
if(isset($_POST['login'])) {
$username = $_POST["username"];
$password = $_POST["password"];
$username = addslashes($username);
$password = addslashes($password);
$username = mysqli_real_escape_string($con,$username);
$password = mysqli_real_escape_string($con,$password);

$sql = mysqli_query($con, 'SELECT * FROM loginusers WHERE
username="'.$_POST['username'].'" AND
password="'.md5($_POST['password']).'" AND status="ACTIVE" ');
if (mysqli_num_rows($sql) >0 ) {
    $member = mysqli_fetch_assoc($sql);
    $_SESSION['SESS_NAME'] = $member['username'];
    $_SESSION['SESS_RANK'] = $member['rank'];

    if($member['rank']=='administrator'){
        header("location: admin.php");
    }
    else if($member['rank']=='voter'){
        header("location: voter.php");
    }
}
```

```

}
else {
    $error = "<center><h4><font color='#FF0000'>Incorrect Username
or Password</h4></center></font>";
    include "login.php";
}
}
else {
    $error = "<center><h4><font color='#FF0000'>Invalid Username or
Password</h4></center></font>";
    include "login.php";
}
?>

```

logout.php

```

<?php
session_start();
if (!isset($_SESSION['userSession'])) {
    header("Location: login.php");
} else if (isset($_SESSION['userSession'])!="") {
    header("Location: index.php");
}

if("username"){
    session_destroy();
    unset($_SESSION['SESS_NAME']);
}

```

```

        include'login.php';
    }
?>

```

profile.php

```

<?php
if(!isset($_SESSION)) {
    session_start();
}

include "auth.php";
include "header_voter.php";
include "connection.php";
?>

<h4> Welcome <?php echo $_SESSION['SESS_NAME']; ?> </h4>

<?php
$username = $_SESSION['SESS_NAME'];
$query = 'SELECT status FROM voters WHERE username="'.
$_SESSION['SESS_NAME'].'" AND status = "VOTED"';
if ($result = mysqli_query($con,$query)) {
    if (mysqli_num_rows($result) > 0) {
        $sql = mysqli_query($con, 'SELECT voted from voters WHERE
        username="'. $_SESSION['SESS_NAME'].'"');
        $row = mysqli_fetch_assoc($sql);
        echo "You have voted for: " . " " . $row['voted'];
    } else {
        echo "You have not voted yet. Please submit your vote!";
    }
}

```

```
}  
}  
?>
```

reg_action.php

```
<?php  
session_start();  
$captcha = "" ;  
include "connection.php";  
if(isset($_POST['submit'])) {  
    /*if (isset($_POST['g-recaptcha-response'])) {  
        $captcha=$_POST['g-recaptcha-response'];  
    }  
    if(!$captcha){  
        $error = "Please check captcha too";  
        include ('register.php');  
        exit();  
    }  
    $secretKey =  
"6LeD3hEUAAAAADNeeaGRfKmABjn1gnsXxrpdT2J";  
    $ip = $_SERVER['REMOTE_ADDR'];  
    $response=file_get_contents("https://www.google.com/recaptcha/api/  
siteverify?secret=".$secretKey."&response=".$captcha."&remoteip=".$ip);  
    $responseKeys = json_decode($response,true);  
    if(intval($responseKeys["success"]) !== 1) {  
        $error = "You are spammer !";
```



```

    }*/

$name = mysqli_real_escape_string($con, $_POST['firstname']);
$name2 = mysqli_real_escape_string($con,$_POST['lastname']);
$name3 = mysqli_real_escape_string($con,$_POST['username']);
$pass = mysqli_real_escape_string($con,$_POST['password']);

$sq = mysqli_query($con, 'SELECT username FROM loginusers WHERE
username='".$_POST['username']."'");

$exist = mysqli_num_rows($sq);

    if($exist==1){
        $nam="<center><h4><font color='#FF0000'>The username
already exist, peak another.</h4></center></font>";
        unset($username);
        include('register.php');
        exit();
    }

$sql = mysqli_query($con, 'INSERT INTO
voters(firstname,lastname,username)
VALUES("'"$_POST['firstname']."','"$_POST['lastname']."','"$_POST['username']."'')");

    if (!$sql) {
        die (mysqli_error($con));
    }

$sql2 = mysqli_query($con, 'INSERT INTO
loginusers(username,password)
VALUES("'"$_POST['username']."','"$_POST['password']."'')");

```

```

if (!$sql2) {
    die (mysqli_error($con));
}

else {
echo "Successfully Registered! <a href= 'login.php'>Click here to Login
</a>";
}
}

else {
    $error="<center><h4><font color='#FF0000'>Registration Failed
Due To Error !</h4></center></font>";
    include"register.php";
}
?>

```

registration.php

```

<script src='https://www.google.com/recaptcha/api.js'></script>
<?php include "header.php";
if(!isset($_SESSION)) {
session_start();
}
if (isset($_SESSION['SESS_NAME'])!="") {
    header("Location: voter.php");
}
?>
<br>

```

```

<br>
<center>
<legend> <h3> Register </h3></legend> </center>
<?php global $nam; echo $nam; ?>
<?php global $error; echo $error; ?>
<center><font size="4" >
<form action= "reg_action.php" method= "post" id="myform" >
Firstname:
<input type="text" name="firstname" value="" />
<br>
<br>
Lastname:
<input type="text" name="lastname" value="" />
<br>
<br>
Username:
<input type="text" name="username" value="" />
<br>
<br>
Password:
<input type="password" name="password" value="" />
<br>
<br>
<div class="g-recaptcha" data-
sitekey="6LeD3hEUAAAAAKne6ua3iVmsPK3AdilgB6dcjST0"></div>
<br>

```

```

<br>
<input type="submit" name="submit" value="Next" />
</form>
</font>
</center>
<script type= "text/javascript" >
    var frmvalidator = new Validator("myform");
    frmvalidator.addValidation("firstname","req","Please enter student
    firstname");
    frmvalidator.addValidation("firstname","maxlen=50");
    frmvalidator.addValidation("lastname","req","Please enter student
    lastname");
    frmvalidator.addValidation("lastname","maxlen=50");
    frmvalidator.addValidation("username","req","Please enter student
    username");
    frmvalidator.addValidation("username","maxlen=50");
    frmvalidator.addValidation("password","req","Please enter student
    password");
    frmvalidator.addValidation("password","minlen=6","Password must not
    be less than 6 characters.");

</script>
<?php include "footer.php" ;?>

```

submit_vote.php

```

<?php
include "connection.php";

```

```

session_start();

if(empty($_POST['lan'])){

$error="<center><h4><font color='#FF0000'>Please select a language to
vote!</h4></center></font>";

include"voter.php";

exit();

}

$lan = $_POST['lan'];

$sess = $_SESSION['SESS_NAME'] ;

$lan = addslashes($_POST['lan']);

$lan = mysqli_real_escape_string($con, $lan);

$sql = mysqli_query($con, 'SELECT * FROM voters WHERE
username="$_SESSION['SESS_NAME']" AND status="VOTED"');

if(mysqli_num_rows($sql) > 0 ) {

    $msg="<center><h4><font color='#FF0000'>You have already been
voted, No need to vote again</h4></center></font>";

        include 'voter.php';

        exit();

}

else{

$sql1=mysqli_query($con, 'UPDATE languages SET votecount =
votecount + 1 WHERE fullname = "$_POST['lan']"');

$sql2=mysqli_query($con, 'UPDATE voters SET status="VOTED"
WHERE username="$_SESSION['SESS_NAME']"');

$sql3 = mysqli_query($con, 'UPDATE voters SET voted= "
$_POST['lan']" WHERE username="$_SESSION['SESS_NAME']"');

    if(!$sql1 && !$sql2){

```

```

        die("Error on mysql query".mysqli_error());
    }
    else{
        $msg="<center><h4><font color='#FF0000'>Congratulation, you
have made your vote.</h4></center></font>";
        include 'voter.php';
        exit();
    }
}
?>

```

voter.php

```

<?php
if(!isset($_SESSION)) {
    session_start();
}
include "auth.php";
include "header_voter.php";
?>

<h4> Welcome <?php echo $_SESSION['SESS_NAME']; ?> </h4>
<h3>Make a Vote </h3>

<form action="submit_vote.php" name="vote" method="post"
id="myform" >

<center><font size='6'> What is your favorite political party? <BR>
<input type="radio" name="lan" value="BJP"> BJP<BR>

```

```

<input type="radio" name="lan"
value="CONGRESS">CONGRESS<BR>
<input type="radio" name="lan" value="AAP"> AAP<BR>
<input type="radio" name="lan" value="NOTA"> NOTA<BR>
<input type="radio" name="lan" value="NIRDLIY"> NIRDLIY<BR>
</font></center><br>
<?php global $msg; echo $msg; ?>
<?php global $error; echo $error; ?>
<center><input type="submit" value="Submit Vote" name="submit"
style="height:30px; width:100px" /></center>
</form>

```

polltest.sql

```

-- phpMyAdmin SQL Dump
-- version 4.6.4
-- https://www.phpmyadmin.net/
--
-- Host: 127.0.0.1
-- Generation Time: Mar 05, 2017 at 09:00 AM
-- Server version: 5.7.14
-- PHP Version: 5.6.25

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET time_zone = "+00:00";

```

```

/*!40101 SET
@OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIEN
T */;

/*!40101 SET
@OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RES
ULTS */;

/*!40101 SET
@OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTI
ON */;

/*!40101 SET NAMES utf8mb4 */;

--

-- Database: `polltest`

--

-- -----

--

-- Table structure for table `languages`

--

CREATE TABLE `languages` (
  `lan_id` int(100) NOT NULL,
  `fullname` varchar(10) NOT NULL,
  `about` varchar(255) NOT NULL,
  `votecount` int(255) NOT NULL
) ENGINE=MyISAM DEFAULT CHARSET=latin1;

```


--

-- Dumping data for table `languages`

--

```
INSERT INTO `languages` (`lan_id`, `fullname`, `about`, `votecount`)
VALUES
```

```
(1, 'JAVA', 'java is', 5),
```

```
(2, 'PYTHON', 'python is', 6),
```

```
(3, 'C++', 'c++ is', 21),
```

```
(4, 'PHP', 'php is', 17),
```

```
(5, '.NET', '.net is ', 4);
```

--

-- Table structure for table `loginusers`

--

```
CREATE TABLE `loginusers` (
  `id` int(200) NOT NULL,
  `username` varchar(100) NOT NULL,
  `password` varchar(100) NOT NULL,
  `rank` varchar(80) NOT NULL DEFAULT 'voter',
  `status` varchar(10) NOT NULL DEFAULT 'ACTIVE'
) ENGINE=MyISAM DEFAULT CHARSET=latin1;
```

--

-- Dumping data for table `loginusers`

--

```
INSERT INTO `loginusers` (`id`, `username`, `password`, `rank`, `status`)
VALUES
```

```
(47, 'helllo', 'b373c043b854b0ebb97afe9b0ba47059', 'voter', 'ACTIVE'),
```

```
(46, 'jaha', '123456', 'voter', 'ACTIVE'),
```

```
(45, 'action', '1ace9555f0aafb4fe1e75309e8f79e4d', 'voter', 'ACTIVE'),
```

```
(44, 'arjun', '451d3eb1573c7ebb70c08dfec9766509', 'voter', 'ACTIVE'),
```

```
(43, 'niku19', 'ac61ebbe84c06debaa78c0a832330164', 'voter', 'ACTIVE'),
```

```
(42, 'ejjhed', 'b3f70c0d1b269668e937741a5d5797ab', 'voter', 'ACTIVE'),
```

```
(41, 'Anirban', '1234567', 'voter', 'ACTIVE'),
```

```
(40, 'dnddd', 'b5d165334b465a7fc42310750430b3f9', 'voter', 'ACTIVE');
```

-- -----

--

-- Table structure for table `voters`

--

```
CREATE TABLE `voters` (
  `firstname` varchar(100) NOT NULL,
  `lastname` varchar(100) NOT NULL,
  `username` varchar(100) NOT NULL,
```

```

`status` varchar(10) NOT NULL DEFAULT 'NOTVOTED',
`voted` varchar(255) DEFAULT NULL
) ENGINE=MyISAM DEFAULT CHARSET=latin1;

--
-- Dumping data for table `voters`
--

INSERT INTO `voters` (`firstname`, `lastname`, `username`, `status`,
`voted`) VALUES
('sdjdjdj', 'djdjddjj', 'helllo', 'VOTED', 'python'),
('Anirban', 'oodoododo', 'jaha', 'NOTVOTED', NULL),
('Anirban', 'Dutta', 'action', 'VOTED', 'php'),
('Anirban', 'Dutta', 'arjun', 'NOTVOTED', NULL),
('janemaan', 'lohiid', 'niku19', 'VOTED', 'c++'),
('asdhk', 'ddddnd', 'ejjhed', 'NOTVOTED', NULL),
('Anirban', 'Dutta', 'Anirban', 'VOTED', 'java'),
('ndndnd', 'dhhbhd', 'dnddd', 'NOTVOTED', NULL);

--
-- Indexes for dumped tables
--

--
-- Indexes for table `languages`
--

```

```

ALTER TABLE `languages`
  ADD PRIMARY KEY (`lan_id`);

--
-- Indexes for table `loginusers`
--
ALTER TABLE `loginusers`
  ADD PRIMARY KEY (`id`),
  ADD UNIQUE KEY `username` (`username`);

--
-- Indexes for table `voters`
--
ALTER TABLE `voters`
  ADD UNIQUE KEY `username` (`username`);

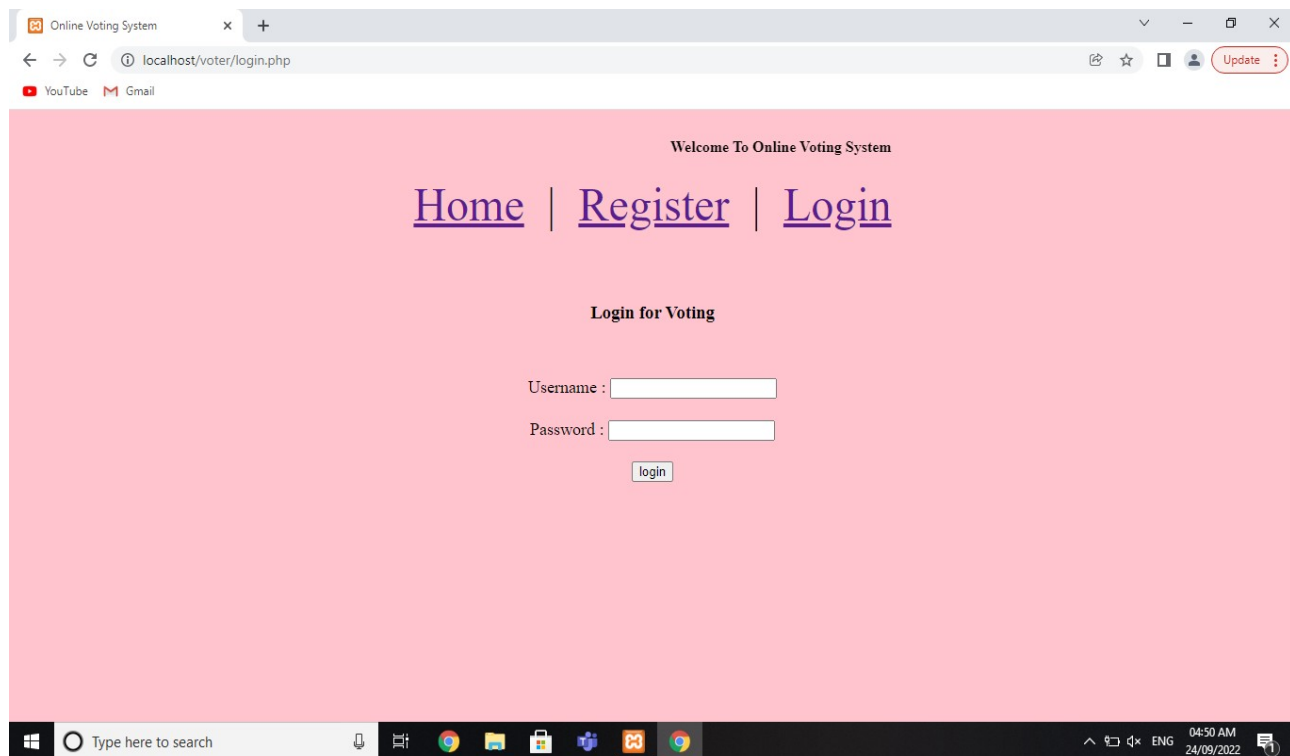
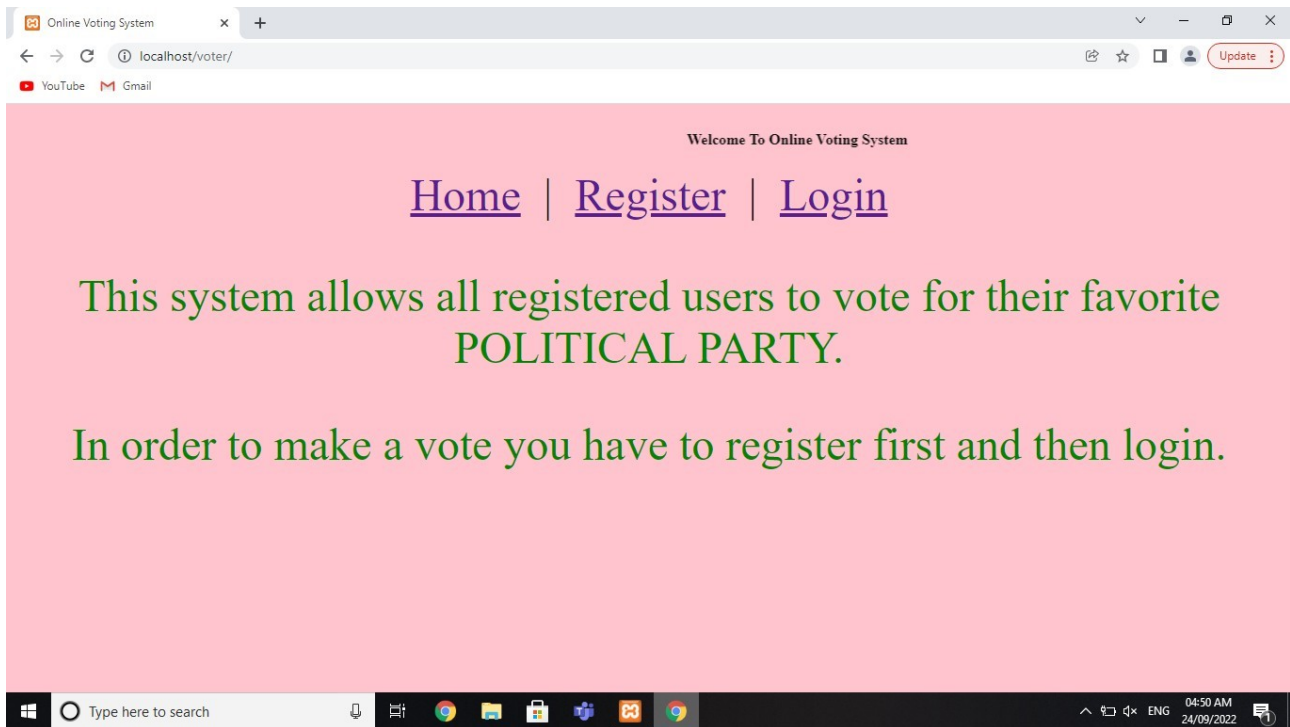
--
-- AUTO_INCREMENT for dumped tables
--

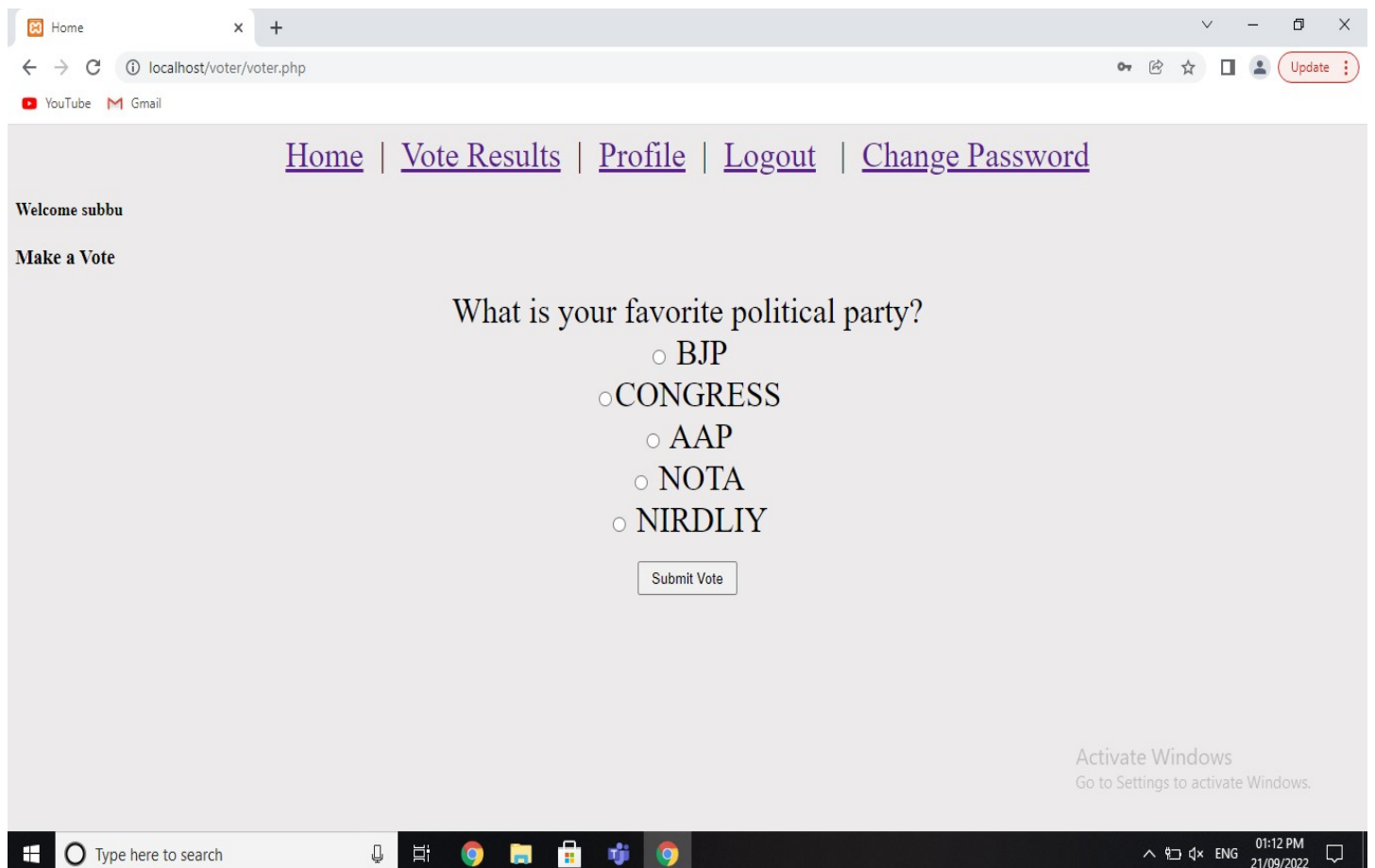
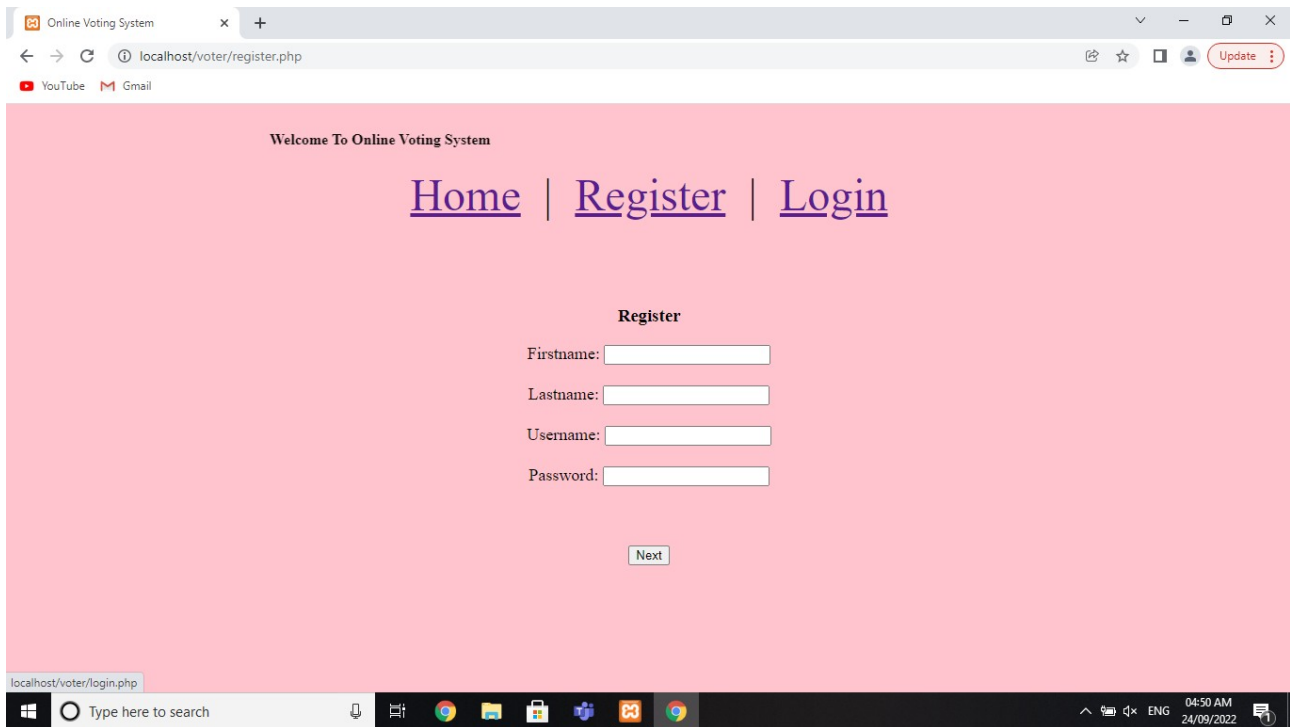
--
-- AUTO_INCREMENT for table `languages`
--
ALTER TABLE `languages`
  MODIFY `lan_id` int(100) NOT NULL AUTO_INCREMENT,
  AUTO_INCREMENT=6;

```

```
--  
-- AUTO_INCREMENT for table `loginusers`  
--  
ALTER TABLE `loginusers`  
  MODIFY `id` int(200) NOT NULL AUTO_INCREMENT,  
  AUTO_INCREMENT=48;  
/*!40101 SET  
CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;  
/*!40101 SET  
CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULT  
S */;  
/*!40101 SET  
COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION  
*/;
```

7. PROJECT IMAGES:





Home x +

localhost/voter/lan_view.php

Update

Home | [Vote Results](#) | [Profile](#) | [Logout](#) | [Change Password](#)

Voting So Far

ID	LANGAUAGE	ABOUT	VOTE
1	BJP	BJP	0
2	CONGRESS	CONGRESS	1
3	AAP	AAP	0
4	NOTA	NOTA	0
5	NIRDLIY	NIRDLIY	1

Activate Windows
Go to Settings to activate Windows.

Type here to search

01:12 PM
21/09/2022

Home x +

localhost/voter/profile.php

Update

[Home](#) | [Vote Results](#) | [Profile](#) | [Logout](#) | [Change Password](#)

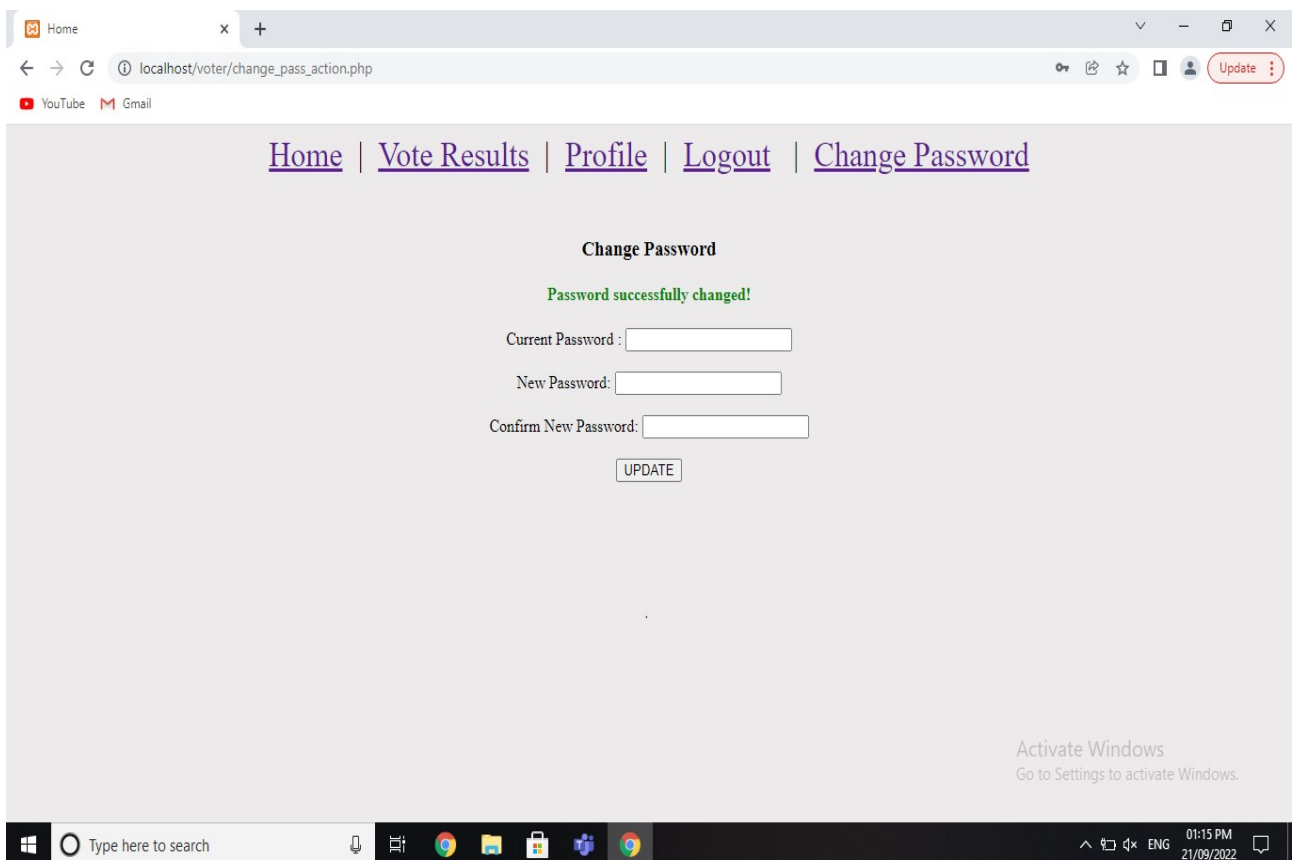
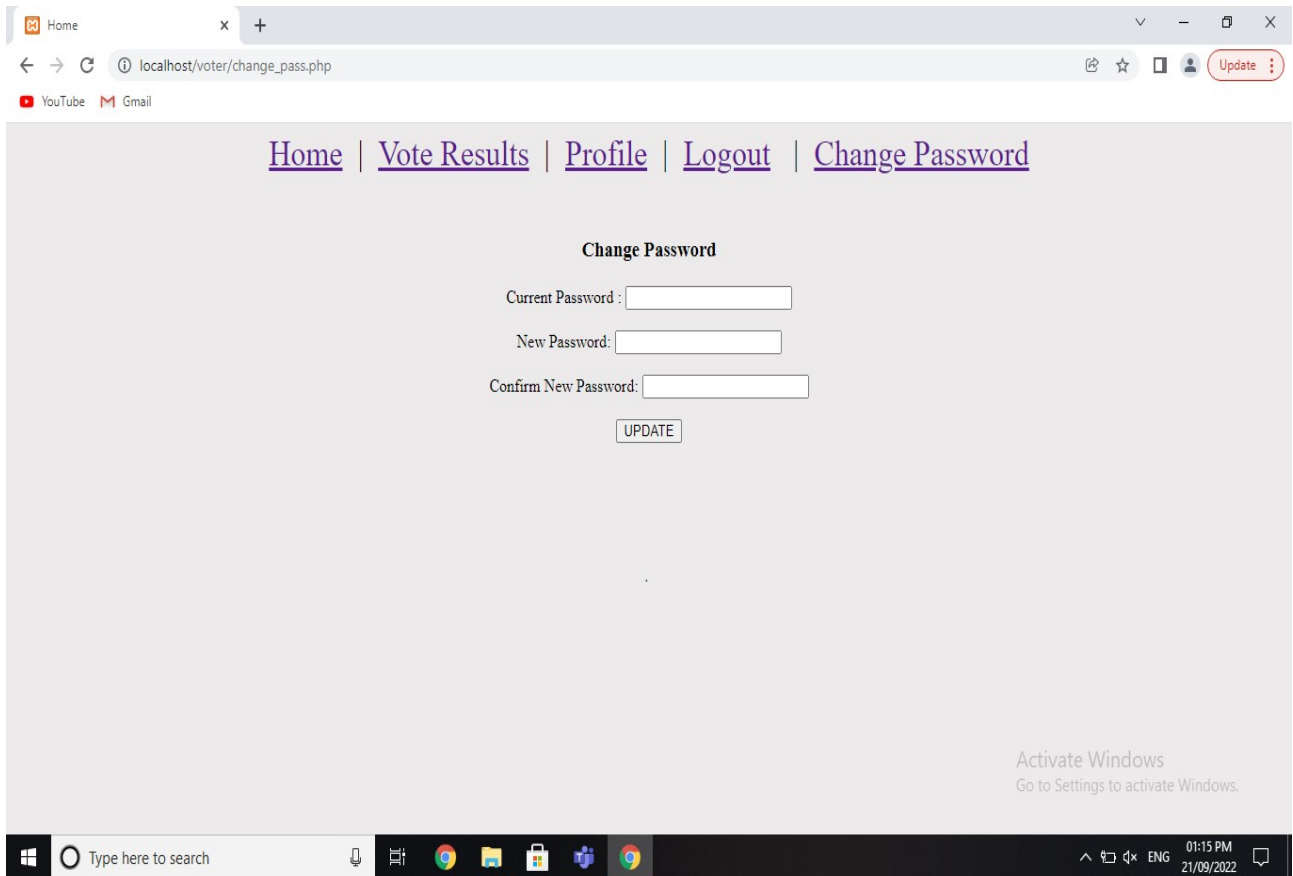
Welcome subbu

You have voted for: NIRDLIY

Activate Windows
Go to Settings to activate Windows.

Type here to search

01:14 PM
21/09/2022



8. CONCLUSION:

This Online Voting system will manage the Voter's information by which voter can login and use his voting rights. The system will incorporate all features of voting system. It provides the tools for maintaining voter's vote to every party and it count total no. of votes of every party. There is a database in which all the names of voter with complete information is stored.

In this member who had registered his/her information on the database and when he/she want to vote he/she has to login by username and password and can vote to any candidate only single time. Voting detail store in database and the result is displayed by calculation. By online voting system percentage of voting is increases. It decreases the cost and time of voting process. It is very easy to use and it is vary less time consuming. It is very easy to debug.

9.REFERENCES:

<https://www.w3schools.com/php/default.asp>
<http://www.tizag.com/cssT/> (for css coding reference)
<http://www.tizag.com/mysqlTutorial/> (for the use of tables)