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Project Associates

Vijay Kumar V

Manjunath KR

Lokesh

Prajwal BM

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ABSTRACT

This project is developed for the threat free and user oriented Online Voting System. The Online Voting system is made for the people of the country residing around the world and wants to vote for their representative. The election can be conducted in two ways the paper ballot election and the automated ballot elections.

The automated ballot elections are called the electronic voting. The online voting system is highly developed and the online polling system can be replaced by accurately and directly voting online and immediate results. The online voting system is done by the internet so it can be called the Internet Voting.

This online voting/polling system seeks to address the above issues. It should be noted that with this system in place, the users, citizens in this case shall be given ample time during the voting period.

INTRODUCTION TO ONLINE VOTING SYSTEM

The Project is named as Online Voting System which is content based site. The aim of this project is to provide help to the people of different location. The technology used for the creation of this project is HTML & PHP as the Front - End and the MY SQL as the back - End for the storage of data.

The word a “Vote” means to choose from a list, to elect or to determine. The main goal of voting is to come up with leaders of the people□™s choice. Most countries, India not an exception have problems when it comes to voting. Some of the problems involved include ridging votes during election, insecure or inaccessible polling stations, inadequate polling materials and also inexperienced personnel.

This online voting/polling system seeks to address the above issues. It should be noted that with this system in place, the users, citizens in this case shall be given ample time during the voting period.

This project is developed for the threat free and user oriented Online Voting System. The Online Voting system is made for the people of the country residing around the world and wants to vote for their representative. The election can be conducted in two ways the paper ballot election and the automated ballot elections.

The automated ballot elections are called the electronic voting. The online voting system is highly developed and the online polling system can be replaced by accurately and directly voting online and immediate results. The online voting system is done by the internet so it can be called the Internet Voting.

Online Voting System project is implemented in Asp.Net platform using Mysql database as back end. Main aim of Online Voting System is to develop an online application like online reservation system, for citizens who are above 18 years of age to vote through online. Using these system citizens of India can vote through online without visiting polling booth. A centralized database is maintained by election commission of India where citizens information is maintained whenever citizen is using Online Voting System his/her information is authenticated with the data present in database if user is not in the list he cannot use Online Voting System

INTRODUCTION TO LANGUAGE

INTRODUCTION TO HTML

What is HTML?

HTML is a language for describing web pages.

- HTML stands for Hyper Text Markup Language.
- HTML is a markup language.
- A markup language is a set of markup tags.
- The tags describe document content.
- HTML documents contain HTML tags and plain text.
- HTML documents are also called web pages.

HTML Tags:

HTML markup tags are usually called HTML tags.

- HTML tags are keywords (tag names) surrounded by angle brackets like <html>.
- HTML tags normally come in pairs like and .
- The first tag in a pair is the start tag, the second tag is the end tag.
- The end tag is written like the start tag, with a forward slash before the tag name.
- Start and end tags are also called opening tags and closing tags.

  <tagname> content </tagname>

HTML Elements:

"HTML tags" and "HTML elements" are often used to describe the same thing.

But strictly speaking, an HTML element is everything between the start tag and the end tag, including the tags:

HTML Element: This is a paragraph.

Web Browsers:

The purpose of a web browser (such as Google Chrome, Internet Explorer, Firefox, Safari) is to read HTML documents and display them as web pages. The browser does not display the HTML tags, but uses the tags to interpret the content of the page.

HTML Page Structure:

Below is a visualization of an HTML page structure:

<html>

<body>

<h1>This a heading</h1>

This is a paragraph.

This is another paragraph.

</body>

</html>

Writing HTML Using Notepad++ or Text Edit

HTML can be edited by using a professional HTML editor like:

- Adobe Dreamweaver
- Microsoft Expression Web
- Notepad++ Editor

However, for learning HTML we recommend a text editor like Notepad (PC) or TextEdit (Mac). We believe using a simple text editor is a good way to learn HTML.

Styling HTML with CSS:

CSS was introduced together with HTML 4, to provide a better way to style HTML elements.

CSS can be added to HTML in the following ways:

- Inline - using the style **attribute** in HTML elements
- Internal - using the <style> **element** in the <head> section
- External - using an external CSS **file**

The preferred way to add CSS to HTM, is to put CSS syntax in separate CSS files.

Inline Styles

An inline style can be used if a unique style is to be applied to one single occurrence of an element. To use inline styles, use the style attribute in the relevant tag. The style attribute can contain any CSS property. The example below shows how to change the text color and the left margin of a paragraph:

```
<p style="color:blue;margin-left:20px;">This is a paragraph.</p>
```

Browser Support:

Internet Explorer 9, Firefox, Opera, Chrome, and Safari support the<video> element.

What is CSS?

Cascading Style Sheets, fondly referred to as CSS, is a simple design language intended to simplify the process of making web pages presentable. CSS handles the look and feel part of a web page. Using CSS, you can control the color of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, what background images or colors are used, as well as a variety of other effects.

CSS is easy to learn and understand but it provides a powerful control over the presentation of an HTML document. Most commonly, CSS is combined with the markup languages HTML or XHTML.

Advantages of CSS:

- CSS saves time - You can write CSS once and then reuse the same sheet in multiple HTML pages. You can define a style for each HTML element and apply it to as many web pages as you want.
- Pages load faster - If you are using CSS, you do not need to write HTML tag attributes every time. Just write one CSS rule of a tag and apply it to all the occurrences of that tag. So, less code means faster download times.
- Easy maintenance - To make a global change, simply change the style, and all the elements in all the web pages will be updated automatically.
- Superior styles to HTML - CSS has a much wider array of attributes than HTML, so you can give a far better look to your HTML page in comparison to HTML attributes.
- Multiple Device Compatibility - Style sheets allow content to be optimized for more than one type of device. By using the same HTML document, different versions of a website can be presented for handheld devices such as PDAs and cellphones or for printing.
- Global web standards – Now HTML attributes are being deprecated and it is being recommended to use CSS. So it's a good idea to start using CSS in all the HTML pages to make them compatible with future browsers.

INTRODUCTION TO PHP

PHP stands for Hypertext Pre-processor, is a simple, fast, portable scripting language suitable for developing database-enabled Web sites. It is currently powering tens of millions of Web sites worldwide.

PHP is basically used for developing web based software applications.PHP started out as a small open source project that evolved as more and more people found out how useful it was. Rasmus Lerdorf unleashed the first version of PHP way back in 1994.

PHP is a recursive acronym for "PHP: Hypertext Preprocessor".

- PHP is a server side scripting language that is embedded in HTML. It is used to manage dynamic content, databases, session tracking, even build entire e-commerce sites.
- It is integrated with a number of popular databases, including MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server.
- PHP is pleasingly zippy in its execution, especially when compiled as an Apache module on the Unix side. The MySQL server, once started, executes even very complex queries with huge result sets in record-setting time.
- PHP supports a large number of major protocols such as POP3, IMAP, and LDAP. PHP4 added support for Java and distributed object architectures (COM and CORBA), making n-tier development a possibility for the first time.
- PHP is forgiving: PHP language tries to be as forgiving as possible.
- PHP Syntax is C-Like.

Common uses of PHP:

- PHP performs system functions, i.e. from files on a system it can create, open, read, write, and close them.
- PHP can handle forms, i.e. gather data from files, save data to a file, thru email you can send data, return data to the user.
- You add, delete, modify elements within your database thru PHP.
- Access cookies variables and set cookies.
- Using PHP, you can restrict users to access some pages of your website.
- It can encrypt data.

Characteristics of PHP:

Five important characteristics make PHP's practical nature possible:

- Simplicity
- Efficiency
- Security
- Flexibility
- Familiarity

HARDWARE AND SOFTWARE REQUIREMENTS

SOFTWARE REQUIREMENTS:

System software	: WINDOWS OPERATING SYSTEM.
Application Software	: Google Chrome, Internet explore
TOOLS	: HTML and CSS AND PHP

HARDWARE REQUIREMENTS:

Any PC compatible	: Pentium 2 or Higher
Memory "RAM"	: 256 MB or Higher
Free Space	: 800 MB or Higher
Operating System	: Windows XP 2000 or Higher

E-R DIAGRAM

password
age
ID
name
address
Email
voiceprint
user
voting history
current votes
authorization code
authorization code
candidate
admin
voting history
current votes
admin_ID
creates
voter
ID
ID
makes
answer_ID
voter_ID
makes
vote
category_ID
sender_Email
question
vote_ID
has
ID
candidate_ID
reciept_Email
category
name
has
ID
question_ID
answer
makes

IMPLIMENTATION

Admin login

```
<?php
//Start session
session_start();

unset($_SESSION['ADMIN_ID']);
unset($_SESSION['ADMIN_NAME']);
unset($_SESSION['ADMIN_GM']);
?>
<!DOCTYPE HTML>
<html lang="en-US">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Administrator Login</title>
<link rel="stylesheet" href="../assets/css/bootstrap.min.css">
<link rel="stylesheet" href="../assets/css/style_admin.css">
</head>
<body bgcolor="red">

<!-- Header -->
<nav class="navbar navbar-inverse navbar-fixed-top" role="navigation">
<div class="container">
<!-- Brand and toggle get grouped for better mobile display -->
<div class="navbar-header">
<button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1" aria-expanded="false">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a class="navbar-brand" href="index.php">Voting Sytem</a>
</div>

</div><!-- /.container-fluid -->
</nav>
<!-- End Header -->
```

```
<div class="container">
<div class="row">
<div class="col-md-4 col-md-offset-4">
<div class="login-con">
<?php
if(isset($_SESSION['ERROR_MSG_ARR']) && is_array($_SESSION['ERROR_MSG_ARR']) && count($_SESSION['ERROR_MSG_ARR']) > 0) {
foreach($_SESSION['ERROR_MSG_ARR'] as $msg) {
echo "<div class='alert alert-danger'>";
echo $msg;
echo "</div>";
}
unset($_SESSION['ERROR_MSG_ARR']);
}
?>
<h3>Administrator Log-in</h3><hr>
<form method="post" action="process/login.php" role="form">
<div class="form-group has-feedback">
<label for="username">Username</label>
<input type="password" name="username" id="username" class="form-control" autocomplete="off">
<span class="glyphicon glyphicon-user form-control-feedback"></span>
</div>
<div class="form-group has-feedback">
<label for="password">Password</label>
<input type="password" name="password" id="password" class="form-control" autocomplete="off">
<span class="glyphicon glyphicon-lock form-control-feedback"></span>
</div>

<div class="form-group has-feedback">
<label for="gm">E-mail Address</label>
<input type="password" name="gm" id="gm" class="form-control" autocomplete="off">
<span class="glyphicon glyphicon-envelope form-control-feedback"></span>
</div>


<div class="form-group">
<input type="submit" name="submit" value="Submit" class="btn btn-danger">
</div>
```

```
</form>
</div>
</div>
</div>
</div>
<!-- Footer -->
<nav class="navbar navbar-inverse navbar-fixed-bottom" role="navigation">

<div class="container">
<div class="navbar-text pull-left">
Version 1.0
</div>
</div>

</nav>
<!-- End Footer -->

<script src="../assets/js/jquery.js"></script>
<script src="../assets/js/bootstrap.min.js"></script>

</body>
</html>
```

Admin Home page

```
<?php
//Include authentication
require("process/auth.php");
?>
<!-- Header -->
<!DOCTYPE HTML>
<title>Administrator Login</title>
<link rel="stylesheet" href="../assets/css/bootstrap.min.css">
<script>
function getPos(val) {
$.ajax({
type: "POST",
url: "get_pos.php",
data: 'org='+val,
success: function(data) {
$("#pos-list").html(data);
}
});
}
</script>
<html>
<head>
<!-- header image-->
<style>
body{
*{
margin:0px;
padding:0px;
}
#container ul{
list-style:none;
}
#container ul li{
background-color:grey;
width:243.8px;
border:1px solid white;
height:42px;
line-height:40px;
text-align:center;
```

```
float:left;
color:white;
font-size:15px;
opacity:.9;
}
#container ul li:hover{
background-color:green;
#container ul ul{
display:none;
}
#container ul li:hover > ul{
display:block;
}
</style>
<meta charset="utf-8">
<body bgcolor="" text="black" >
<b>
<body text color="red">
<div id="container">
<ul class=" nav nav-pills nav-justified">
<a href="admin_page.php"><li><span class="glyphicon glyphicon-home"></span> Home</li></a>
<a href="add_org.php"><li><span class="glyphicon glyphicon-plus-sign"></span> Add Organization</li></a>
<a href="add_pos.php"><li><span class="glyphicon glyphicon-plus-sign"></span> Add Position</li></a>
<a href="add_nominees.php"><li><span class="glyphicon glyphicon-plus-sign"></span> Add Nominees</li></a>
<a href="add_voters.php"><li><span class="glyphicon glyphicon-tasks"></span> Voters List</li></a>
<a href="vote_result.php"><li><span class="glyphicon glyphicon-stats"></span> Vote Result</li></a>
<li><font color="white"><span class="glyphicon glyphicon-user"></span> Admin</a></font><ul>
<a href="http://localhost/voting_system/sandbox/feedview.php"><li><span class="glyphicon glyphicon-comment"> </span> Feedback</li></a>
<a href="process/logout.php"><li><span class="glyphicon glyphicon-log-out"></span> Logout</li></a></ul></li>
<br><br><br><br>

<!-- End Header -->
```

```
<div class="container">
<div class="row">
<div class="col-md-12 jumbotron">
<div class="text-center">
<h1>Online</h1>
<p>
<h1>Voting System</h1><div align="right"><hr></div>
</p>
</div> <font face="Century Gothic" size="">             Electronic voting (also known as E-voting) is voting that uses electronic means to either aid or take care of casting and counting votes.<br> Remote E-voting via the Internet (also called I-voting). Where the voter submits their votes electronically to the election authorities, from any location.</font>
</div>
</div>
<div align="left"><font color="blue" style="" color=""></font>
<!-- Footer -->
<nav class="navbar navbar-inverse navbar-fixed-bottom" role="navigation">
<div class="container">
<div class="navbar-text pull-left">
E-Voting System
</div>
<div class="navbar-text pull-right">
Version 1.2.8
</div>
</div>
</nav>
<!-- End Footer -->

<script src="../assets/js/jquery.js"></script>
<script src="../assets/js/bootstrap.min.js"></script>

</body>
</html>
```

Add Organization

```
<?php
//Include authentication
require("process/auth.php");

//Include database connection
require("../config/db.php");

//Include class Organization
require("classes/Organization.php");
?>
<!-- Header -->
<!DOCTYPE HTML>
<title>Administrator Login</title>
<link rel="stylesheet" href="../assets/css/bootstrap.min.css">
<script>
function getPos(val) {
$.ajax({
type: "POST",
url: "get_pos.php",
data: 'org='+val,
success: function(data) {
$("#pos-list").html(data);
}
});
}
</script>
<html>
<head>
<style>
body{
background-image:url(2.jpg);
background-size:cover;
}
*{
margin:0px;
padding:0px;
}
#container ul{
```

```
list-style:none;
}
#container ul li{
background-color:grey;
width:243.8px;
border:1px solid white;
height:42px;
line-height:40px;
text-align:center;
float:left;
color:white;
font-size:15px;
opacity:.9;
}
#container ul li:hover{
background-color:green;
}
#container ul ul{
display:none;
}
#container ul li:hover > ul{
display:block;
}
</style>
<meta charset="utf-8">
<body bgcolor="" text="black" >
<b>
<body text color="red">
<div id="container">
<ul>
<a href="admin_page.php"><li><span class="glyphicon glyphicon-home"></span> Home</u></li></a>
<a href="add_org.php"><li><span class="glyphicon glyphicon-plus-sign"></span> Add Organization</u></li></a>
<a href="add_pos.php"><li><span class="glyphicon glyphicon-plus-sign"></span> Add Position</u></li></a>
<a href="add_nominees.php"><li><span class="glyphicon glyphicon-plus-sign"></span> Add Nominees</u></li></a>
<a href="add_voters.php"><li><span class="glyphicon glyphicon-tasks"></span> Voters List</u></li></a>
```

```
<a href="vote_result.php"><li><span class="glyphicon glyphicon-stats"></span> Vote Result</u></li></a>
<li><font color="white"><span class="glyphicon glyphicon-user"></span> Admin</a></font><ul><a href="process/logout.php"><li><span class="glyphicon glyphicon-log-out"></span>  Log out</li></a></ul></li>
<br><br><br><br>
<!-- End Header -->
<div class="container">
<div class="row">
<div class="col-md-4">
<h4>Add Organization</h4><hr>
<?php
if(isset($_POST['submit'])) {
$organization = trim($_POST['organization']);
$insertOrg = new Organization();
$rtnInsertOrg = $insertOrg->INSERT_ORG($organization);
}
?>
<form method="POST" action="<?php $_SERVER['PHP_SELF']; ?>" role="form">
<div class="form-group-sm">
<label for="organization">Organization</label>
<input required type="text" name="organization" class="form-control">
</div><br>
<div class="form-group-sm">
<input type="submit" name="submit" value="Submit" class="btn btn-success">
</div>
</form>
</div>
<div class="col-md-8">
<h4>List of Organizations</h4><hr>
<?php
$readOrg = new Organization();
$rtnReadOrg = $readOrg->READ_ORG();
?>
<div class="table-responsive">
<?php if($rtnReadOrg) { ?>
<table class="table table-bordered table-condensed table-striped">
<tr>
<th>Organization</th>
<th><span class="glyphicon glyphicon-pencil"></span></th>
<th><span class="glyphicon glyphicon-trash"></span></th>
```

```
</tr>
<?php while($rowOrg = $rtnReadOrg->fetch_assoc()) { ?>
<tr>
<td><?php echo $rowOrg['org']; ?></td>
<td><a href="http://localhost/voting_system/sandbox/edit_org.php?id=<?php echo $rowOrg['id']; ?>"><span class="glyphicon glyphicon-pencil"></span></a></td>
<td><a href="http://localhost/voting_system/sandbox/delete_org.php?id=<?php echo $rowOrg['id']; ?>"><span class="glyphicon glyphicon-trash"></span></a></td>
</tr>
<?php } //End while ?>
</table>
<?php $rtnReadOrg->free(); ?>
<?php } //End if ?>
</div>
</div>
</nav>
<!-- End Footer -->
<script src="../assets/js/jquery.js"></script>
<script src="../assets/js/bootstrap.min.js"></script>
</body>
</html>
<?php
//Close database connection
$db->close();
```

Voters list

```
<?php
//Include authentication
require("process/auth.php");
//Include database connection
require("../config/db.php");
//Include class Voters
require("classes/Voters.php");
?>
<!-- Header -->
<!DOCTYPE HTML>
<title>Administrator Login</title>
<link rel="stylesheet" href="../assets/css/bootstrap.min.css">
<script>
function getPos(val) {
$.ajax({
type: "POST",
url: "get_pos.php",
data: 'org='+val,
success: function(data) {
$("#pos-list").html(data);
}
});
}
</script>
<html>
<head>
<style>
body{
background-size:cover;
}
*{
margin:0px;
padding:0px;
}
#container ul{
list-style:none;
}
#container ul li{
```

```
background-color: grey;
width:243.8px;
border:1px solid white;
height:42px;
line-height:40px;
text-align:center;
float:left;
color:white;
font-size:15px;
opacity:.9;
}
#container ul li:hover{
background-color:green;
}
#container ul ul{
display:none;
}
#container ul li:hover > ul{
display:block;
}
</style>
<meta charset="utf-8">
<body bgcolor="" text="black" >
<b>
<body text color="red">
<div id="container">
<ul>
<a href="admin_page.php"><li><span class="glyphicon glyphicon-home"></span> Home</u></li></a>
<a href="add_org.php"><li><span class="glyphicon glyphicon-plus-sign"></span> Add Organization</u></li></a>
<a href="add_pos.php"><li><span class="glyphicon glyphicon-plus-sign"></span> Add Position</u></li></a>
<a href="add_nominees.php"><li><span class="glyphicon glyphicon-plus-sign"></span> Add Nominees</u></li></a>
<a href="add_voters.php"><li><span class="glyphicon glyphicon-tasks"></span> Voters List </u></li></a>
<a href="vote_result.php"><li><span class="glyphicon glyphicon-stats"></span> Vote Result</u></li></a>
```

```
<li><font color="white"><span class="glyphicon glyphicon-user"></span> Admin</a></font><ul><a href="process/logout.php"><li><span class="glyphicon glyphicon-log-out"></span>  log out</li></a></ul></li>
<!-- End Header -->
<div class="row">
<?php
if(isset($_POST['submit'])) {
$nam     = trim($_POST['nam']);
$fname     = trim($_POST['fname']);
$mname     = trim($_POST['mname']);
$gender      = trim($_POST['gender']);
$course     = trim($_POST['course']);
$year      = trim($_POST['year']);
$mob      = trim($_POST['mob']);
$ad      = trim($_POST['ad']);
$pass      = trim($_POST['pass']);
$stud_id    = trim($_POST['stud_id']);
$insertVoter = new Voters();
$rtnInsertVoter  =  $insertVoter->INSERT_VOTER($nam,  $fname,$mname,  $gender,  $course, $year,$mob, $ad, $pass, $stud_id);
}
?>
<form method="POST" action="<?php $_SERVER['PHP_SELF']; ?>" role="form">
</div>
</form></div></ul>
<?php
$readVoters = new Voters();
$rtnReadVoters = $readVoters->READ_VOTERS();
?>
<div class="col-md-8">
<h4>List of Voters</h4><hr>
<div class="table-responsive">
<?php if($rtnReadVoters) { ?>
<table class="table table-bordered table-condensed table-striped">
<tr>
<th>Name</th><th>Father Name</th><th> Mother Name</th><th>Gender</th><th>DOB</th>
<th>Address</th><th>Phone Number</th><th>Adhar Number</th>
<th>Voter ID</th>
<th><span class="glyphicon glyphicon-pencil"></span></th>
<th><span class="glyphicon glyphicon-trash"></span></th>
```

```
</tr>
<?php while($rowVoter = $rtnReadVoters->fetch_assoc()) { ?>
<tr>
<td><?php echo $rowVoter['nam']; ?></td>
<td><?php echo $rowVoter['fname']; ?></td>
<td><?php echo $rowVoter['mname']; ?></td>
<td><?php echo $rowVoter['gender']; ?></td>
<td><?php echo $rowVoter['year']; ?></td>
<td><?php echo $rowVoter['course'];?></td>
<td><?php echo $rowVoter['mob']; ?></td>
<td><?php echo $rowVoter['ad'];?></td>
<td><?php echo $rowVoter['stud_id'];?></td>
<td><a href="http://localhost/voting_system/sandbox/edit_voter.php?id=<?php echo
$rowVoter['id']; ?>"><span class="glyphicon glyphicon-pencil"></span></a></td>
<td><a href="http://localhost/voting_system/sandbox/delete_voter.php?id=<?php echo
$rowVoter['id']; ?>"><span class="glyphicon glyphicon-trash"></span></a></td>
</tr>
<?php } //End while ?>
</table>
<?php $rtnReadVoters->free(); ?>
<?php } //End if ?>
</div>
</div>
</div>
</div>
<!-- Footer -->
<nav class="navbar navbar-inverse navbar-fixed-bottom" role="navigation">

<div class="container">
<div class="navbar-text pull-left">
</div>
</div>
</nav>
<!-- End Footer -->
<script src="../assets/js/jquery.js"></script>
<script src="../assets/js/bootstrap.min.js"></script>

</body>
</html>
```

Vote Result

```
<?php
//Include authentication
require("process/auth.php");

//Include database connection
require("../config/db.php");

//Include class Organization
require("classes/Organization.php");

//Include class Position
require("classes/Position.php");

//Include class Nominees
require("classes/Nominees.php");

?><!-- Header -->
<!DOCTYPE HTML>
<title>Administrator Login</title>
<link rel="stylesheet" href="../assets/css/bootstrap.min.css">
<script>
function getPos(val) {
$.ajax({
type: "POST",
url: "get_pos.php",
data: 'org='+val,
success: function(data) {
$("#pos-list").html(data);
}
});
}
</script>
<html>
<head>
<style>
body{
background-image:url(2.jpg);
background-size:cover;
```

```
}
*{
margin:0px;
padding:0px;
}
#container ul{
list-style:none;
}
#container ul li{
background-color:grey;
width:243.8px;
border:1px solid white;
height:42px;
line-height:40px;
text-align:center;
float:left;
color:white;
font-size:15px;
opacity:.9;
}
#container ul li:hover{
background-color:green;

}
#container ul ul{
display:none;
}
#container ul li:hover > ul{
display:block;
}
</style>
<meta charset="utf-8">
<body bgcolor="" text="black" >
<b>
<body text color="red">
<div id="container">
<ul>
<a href="admin_page.php"><li><span class="glyphicon glyphicon-home"></span>
Home</u></li></a>
```

```
<a href="add_org.php"><li><span class="glyphicon glyphicon-plus-sign"></span> Add Organization</u></li></a>
<a href="add_pos.php"><li><span class="glyphicon glyphicon-plus-sign"></span> Add Position</u></li></a>
<a href="add_nominees.php"><li><span class="glyphicon glyphicon-plus-sign"></span> Add Nominees</u></li></a>
<a href="add_voters.php"><li><span class="glyphicon glyphicon-tasks"></span> Voters List</u></li></a>
<a href="vote_result.php"><li><span class="glyphicon glyphicon-stats"></span> Vote Result</u></li></a>
<li><font color="white"><span class="glyphicon glyphicon-user"></span> Admin</a></font><ul><a href="process/logout.php"><li><span class="glyphicon glyphicon-log-out"></span>  log out</li></a></ul></li>
<br><br><br><br>

<!-- End Header -->
<?php
$readOrg = new Organization();
$rtnReadOrg = $readOrg->READ_ORG();
?>
<div class="container">
<div class="row">
<?php if($rtnReadOrg) { ?>
<div class="col-md-3">
<h3>Select Organization</h3><hr>
<form action="<?php $_SERVER['PHP_SELF']; ?>" method="GET" role="form">
<div class="form-group">
<label for="organization">Organization</label>
<select name="organization" class="form-control">
<option value="">*****Select Organization*****</option>
<?php while($rowOrg = $rtnReadOrg->fetch_assoc()) { ?>
<option value="<?php echo $rowOrg['org']; ?>"><?php echo $rowOrg['org']; ?></option>
<?php } //End while ?>
</select>
</div>
<button type="submit" name="submit" class="btn btn-success">Submit</button>
</form>
</div>
<?php $rtnReadOrg->free(); ?>
<?php } //End if ?>
<div class="col-md-9">
```

```
<?php
if(!isset($_GET['organization'])) {
echo "<div class='alert alert-danger'>Please select organization and click submit to show vote result.</div>";
} else {
$org = trim($_GET['organization']);
?>
<a  href="http://localhost/voting_system/sandbox/print_result.php?organization=<?php  echo $org; ?>"><h3><span class="glyphicon glyphicon-print pull-right"></h3></span> </a>
<h4><?php echo $org; ?> Result</h4>
<hr>

<?php
$readPos = new Position();
$rtnReadPos = $readPos->READ_POS_BY_ORG($org);
?>

<?php if($rtnReadPos) { ?>

<?php while($rowPos = $rtnReadPos->fetch_assoc()) { ?>
<h5><?php echo $rowPos['pos']; ?></h5>

<?php
$readNomOrgPos = new Nominees();
$rtnReadNomOrgPos = $readNomOrgPos->READ_NOM_BY_ORG_POS($org, $rowPos['pos']);
?>

<div class="table-responsive">
<?php if($rtnReadNomOrgPos) { ?>
<table class="table table-condensed table-striped">
<tr>
<th>Can ID</th><th>Picture</th>
<th>Name</th><th>Party Name</th>
<th>Votes</th>
</tr>
<?php while($rowCountVotes = $rtnReadNomOrgPos->fetch_assoc()) { ?>
<?php
$countVotes = new Nominees();
$rtnCountVotes = $countVotes->COUNT_VOTES($rowCountVotes['id'])
?>
<tr>
```

```
<td style="width: 13%;"><?php echo $rowCountVotes['id']; ?></td>
<td style="width: 13%;"> <img class="img-responsive img-thumbnail"
src="./bootstrap/img/<?php echo $rowPic['pic']; ?>"
height="" width="" "></td>
<td style="width: 20%;"><?php echo $rowCountVotes['name']; ?></td>
<td style="width: 25%;"><?php echo $rowCountVotes['party']; ?></td>
<td style="width: 10%;"><?php echo $rtnCountVotes->num_rows; ?></td>
</tr>
<?php } //End while ?>
</table>
<?php $rtnReadNomOrgPos->free(); } //End if ?>
</div>
<?php } //End while ?>
<?php $rtnReadPos->free(); } //End if ?>
<?php } //End if ?>
</div>
</div>
</div>
<!-- Footer -->
<nav class="navbar navbar-inverse navbar-fixed-bottom" role="navigation">

<div class="container">
<div class="navbar-text pull-left">
Version 1.0
</div>
</div>

</nav>
<!-- End Footer -->

<script src="../assets/js/jquery.js"></script>
<script src="../assets/js/bootstrap.min.js"></script>

</body>
</html>
```

Voter Feed Back

```
<?php

//Include authentication
require("process/auth.php");

//Include database connection
require("../config/db.php");

//Include class Voters
require("classes/Feedback.php");

?>
<!-- Header -->
<!DOCTYPE HTML>
<title>Administrator Login</title>
<link rel="stylesheet" href="../assets/css/bootstrap.min.css">
<script>
function getPos(val) {
$.ajax({
type: "POST",
url: "get_pos.php",
data: 'org='+val,
success: function(data) {
$("#pos-list").html(data);
}
});
}
</script>
<html>
<head>
<style>
body{
background-size:cover;
}
*{
margin:0px;
padding:0px;
}
```

```
#container ul{
list-style:none;
}
#container ul li{
background-color: grey;
width:243.8px;
border:1px solid white;
height:42px;
line-height:40px;
text-align:center;
float:left;
color:white;
font-size:15px;
opacity:.9;
}
#container ul li:hover{
background-color:green;
}
#container ul ul{
display:none;
}
#container ul li:hover > ul{
display:block;
}
</style>
<meta charset="utf-8">
<body bgcolor="" text="black" >
<b>
<body text color="red">
<div id="container">
<ul>
<a href="admin_page.php"><li><span class="glyphicon glyphicon-home"></span> Home</u></li></a>
<a href="add_org.php"><li><span class="glyphicon glyphicon-plus-sign"></span> Add Organization</u></li></a>
<a href="add_pos.php"><li><span class="glyphicon glyphicon-plus-sign"></span> Add Position</u></li></a>
<a href="add_nominees.php"><li><span class="glyphicon glyphicon-plus-sign"></span> Add Nominees</u></li></a>
<a href="add_voters.php"><li><span class="glyphicon glyphicon-tasks"></span> Voters List </u></li></a>
```

```
<a href="vote_result.php"><li><span class="glyphicon glyphicon-stats"></span> Vote Result</u></li></a>
<li><font color="white"><span class="glyphicon glyphicon-comment"></span> Feedback</a></font><ul><a href="process/logout.php"><li><span class="glyphicon glyphicon-log-out"></span>  log out</li></a></ul></li>
<!-- End Header -->
<?php
$readFeedback = new Feedback();
$rtnReadFeedback = $readFeedback->READ_FEEDBACK();
?>
<div class="col-md-8"><br>
<h4>Feedback</h4><hr><hr>
<div class="table-responsive">
<?php if($rtnReadFeedback) { ?>
<table class="table table-bordered table-condensed table-striped">
<th>Name</th><th>E-Mail Address</th><th> Subject</th><th> Comment</th>
<th><span class="glyphicon glyphicon-trash"></span></th>
</tr>
<?php while($rowFeed = $rtnReadFeedback->fetch_assoc()) { ?>
<tr>
<td><?php echo $rowFeed['name']; ?></td>
<td><?php echo $rowFeed['email']; ?></td>
<td><?php echo $rowFeed['subject']; ?></td>
<td><?php echo $rowFeed['comment']; ?></td>
<td><a href="http://localhost/voting_system/sandbox/delete_feed.php?id=<?php echo $rowFeed['id']; ?>"><span class="glyphicon glyphicon-trash"></span></a></td>
</tr>
</div>
<!-- Footer -->
<nav class="navbar navbar-inverse navbar-fixed-bottom" role="navigation">
<div class="container">
<div class="navbar-text pull-left">
</div></div>
</nav>
<!-- End Footer -->
<script src="../assets/js/jquery.js"></script>
<script src="../assets/js/bootstrap.min.js"></script>

</body>
</html>
```

New voter registration form

```
<?php

//Include authentication
require("process/auth.php");

//Include database connection
require("../config/db.php");

//Include class Voters
require("classes/Voters.php");

?>
<!-- Header -->
<!DOCTYPE HTML>
<title>syudent Login</title>
<link rel="stylesheet" href="../assets/css/bootstrap.min.css">
<script>
function getPos(val) {
$.ajax({
type: "POST",
url: "get_pos.php",
data: 'org='+val,
success: function(data) {
$("#pos-list").html(data);
}
});
}
</script>
<!DOCTYPE HTML>
<title>Administrator Login</title>
<link rel="stylesheet" href="../assets/css/bootstrap.min.css">
<script>
function getPos(val) {
$.ajax({
type: "POST",
url: "get_pos.php",
data: 'org='+val,
success: function(data) {
$("#pos-list").html(data);
```

```
}
});
}
</script>
<br><b>
<!-- End Header -->
<div class="container" align="">
<div class="row">
<?php
if(isset($_POST['submit'])) {
$nam     = trim($_POST['nam']);
$fname     = trim($_POST['fname']);
$mname     = trim($_POST['mname']);
$gender      = trim($_POST['gender']);
$course     = trim($_POST['course']);
$year      = trim($_POST['year']);
$mob      = trim($_POST['mob']);
$ad      = trim($_POST['ad']);
$pass      = trim($_POST['pass']);
$stud_id     = trim($_POST['stud_id']);

$insertVoter = new Voters();
$rtnInsertVoter = $insertVoter->INSERT_VOTER($nam, $fname, $mname, $gender, $course,
$year,$mob, $ad, $pass, $stud_id);
}
?>
<h4>Voters Application Form</h4><hr>
<form method="POST" action="<?php $_SERVER['PHP_SELF']; ?>" role="form">
<div class="form-group-sm">
<label for="nam">Name</label>
<input required type="text" name="nam" class="form-control"
placeholder="*****Name*****" autocomplete="off">
</div>

<div class="form-group-sm">
<label for="fname">Father Name</label>
<input required type="text" name="fname" class="form-control" placeholder="*****Father
Name*****" autocomplete="off">
</div>

<div class="form-group-sm">
```

```
<label for="mname">Mother Name</label>
<input required type="text" name="mname" class="form-control" placeholder="*****Mother Name*****" autocomplete="off">
</div>

<div class="form-group-sm">
<label for="position">Gender</label>
<select required name="gender" class="form-control" id="pos-list">
<option value="">*****Select Gender*****</option>
<option value="Male">Male</option>
<option value="Female">Female</option>
</select>
</div>

<div class="form-group-sm">
<label for="year">Date of Birth</label>
<input required type="date" m   max="2000-12-31"  name="year"  class="form-control" >
</div>
<div class="form-group-sm">
<label for="course">Address</label>
<input required type="text" name="course" class="form-control" placeholder="*****Address of Voters*****"
autocomplete="off">
</div>

<div class="form-group-sm">
<label for="mob"> Phone Nnumber</label>
<input required type="text" name="mob" class="form-control" placeholder="*****Phone Number*****" autocomplete="off">
</div>


<div class="form-group-sm">
<label for="ad">Adhar Number</label>
<input required type="text" name="ad" class="form-control" placeholder="*****Adhar No of Voters*****" autocomplete="off">
</div>

<div class="form-group-sm">
<label for="stud_id"> Enter Voter ID</label>
```

```
<input required type="text" name="stud_id" class="form-control" placeholder="*****Enter Voter for ID *****" autocomplete="off">
</div>


<div class="form-group-sm">
<label for="pass"> Set Password</label>
<input required type="Password" name="pass" class="form-control" placeholder="*****Enter 8 Digit password*****" autocomplete="off">
</div>

<hr>
<div class="form-group-sm">
<input type="submit"  name="submit" value= "Submit" class="btn btn-success">
      &
```

Student Log-in page

```
<?php
//Start session
session_start();
unset($_SESSION['NAM']);
unset($_SESSION['FNAME']);
unset($_SESSION['MNAME']);
unset($_SESSION['GENDER']);
unset($_SESSION['AD']);
unset($_SESSION['STUD_ID']);
unset($_SESSION['COURSE']);
unset($_SESSION['YEAR']);
unset($_SESSION['ID']);


?>
<!DOCTYPE HTML>
<html lang="en-US">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Voting System</title>
<link rel="stylesheet" href="assets/css/bootstrap.min.css">
<link rel="stylesheet" href="assets/css/style_voter.css">
</head>
<body>

<!-- Header -->
<nav class="navbar navbar-inverse navbar-fixed-top" role="navigation">
<div class="container">
<!-- Brand and toggle get grouped for better mobile display -->
<div class="navbar-header">
<button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1" aria-expanded="false">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
```

```
<a class="navbar-brand" href="http://localhost/voting_system/index.php"><span class="glyphicon glyphicon-refresh"></span> Refresh</a>
</div>

<!-- Collect the nav links, forms, and other content for toggling -->
<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
<ul class="nav navbar-nav navbar-right">

<li><a href="stud_page.php"></a></li>

<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown" role="button" aria-haspopup="true" aria-expanded="false"><span class="glyphicon glyphicon-user"></span> <span class="caret"></span></a>
<ul class="dropdown-menu">
<li><a href="http://localhost/voting_system/profile.php">Log-In <span class="glyphicon glyphicon-log-out"></span></a></li>
<li><a href="http://localhost/voting_system/voter/feed_back.php">Contact <span class="glyphicon glyphicon-phone"></span></a></li>

</ul>
</li>
</ul>
</div><!-- /.navbar-collapse -->

</div><!-- /.container-fluid -->
</nav>
<!-- End Header -->
<div class="container">
<div class="row">
<div class="col-md-4 col-md-offset-4">
<div class="login-con">
<font size="5">Voter Now</font>
<hr>
<?php
if(isset($_SESSION['ERROR_MSG_ARRAY']) && is_array($_SESSION['ERROR_MSG_ARRAY']) && COUNT($_SESSION['ERROR_MSG_ARRAY']) > 0) {
foreach($_SESSION['ERROR_MSG_ARRAY'] as $msg) {
echo "<div class='alert alert-danger'>";
echo $msg;
echo "</div>";
```

```
}
unset($_SESSION['ERROR_MSG_ARRAY']);
}
?>
<form method="post" action="process/login.php" role="form">
<div class="form-group has-warning has-feedback">
<label for="ad">Voter's Adhar No</label>
<input type="text" name="ad" id="ad" class="form-control" autocomplete="off">
<span class="glyphicon glyphicon-list-alt form-control-feedback"></span>
</div>
<form method="post" action="process/login.php" role="form">
<div class="form-group has-warning has-feedback">
<label for="stud_id">Voter's ID</label>
<input type="TEXT" name="stud_id" id="stud_id" class="form-control" autocomplete="off">
<span class="glyphicon glyphicon-lock form-control-feedback"></span>
</div>
<form method="post" action="process/login.php" role="form">
<div class="form-group has-warning has-feedback">
<label for="mob">Phone Number</label>
<input type="text" name="mob" id="mob" class="form-control" autocomplete="off">
<span class="glyphicon glyphicon-phone form-control-feedback"></span>
</div>
<form method="post" action="process/login.php" role="form">
<div class="form-group has-warning has-feedback">
<label for="pass">Password</label>
<input type="Password" name="pass" id="pass" class="form-control" autocomplete="off">
<span class="glyphicon glyphicon-eye-close form-control-feedback"></span>
</div>
<hr><button type="submit" name="submit" class="btn btn-success">Submit</button>  
<button type="" class=" btn btn-default"><a href="voter/voter_add.php">New User</a>
  <span class="glyphicon glyphicon-user"></span></button>
<!-- Footer -->
<nav class="navbar navbar-inverse navbar-fixed-bottom" role="navigation">
<div class="container">
<div class="navbar-text pull-left">
<script src="assets/js/jquery.js"></script>
<script src="assets/js/bootstrap.min.js"></script>
</body>
</html>
```

Voting Page

```
<?php
//Include authentication
require("process/auth.php");

//Include database connection
require("config/db.php");

//Include class Voting
require("classes/Voting.php");
?>
<!DOCTYPE HTML>
<html lang="en-US">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title></title>
<link rel="stylesheet" href="assets/css/bootstrap.min.css">
<link rel="stylesheet" href="assets/css/style_voter.css">
</head>
<body>

<!-- Header -->
<nav class="navbar navbar-inverse navbar-fixed-top" role="navigation">
<div class="container">
<!-- Brand and toggle get grouped for better mobile display -->
<div class="navbar-header">
<button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1" aria-expanded="false">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a class="navbar-brand" href="stud_page.php"><span class="glyphicon glyphicon-home"></span> Voting Sytem</a>
</div>

<!-- Collect the nav links, forms, and other content for toggling -->
<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
```

```
<ul class="nav navbar-nav navbar-right">
<li><a href="stud_page.php"><span class="glyphicon glyphicon-home"></span></a></li>
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown" role="button" aria-haspopup="true" aria-expanded="false"><span class="glyphicon glyphicon-user"></span> <span class="caret"></span></a>
<ul class="dropdown-menu">
<li><a href="process/logout.php">Logout</a></li>
</ul>
</li>
</ul>
</div><!-- /.navbar-collapse -->

</div><!-- /.container-fluid -->
</nav>
<!-- End Header -->
<?php
if(isset($_GET['organization'])) {
$org = $_GET['organization'];
}
?>

<?php

$readPos = new Voting();
$rtnReadPos = $readPos->READ_POSITION($org);

?>

<div class="container">
<div class="row">
<?php if($rtnReadPos) { ?>
<div class="col-md-6 ">
<?php
if(isset($_POST['vote'])) {
$org          = trim($_POST['org']);
$pos          = trim($_POST['pos']);
$candidate_id   = trim($_POST['nominee']);
$voters_id      = trim($_POST['voter_id']);
```

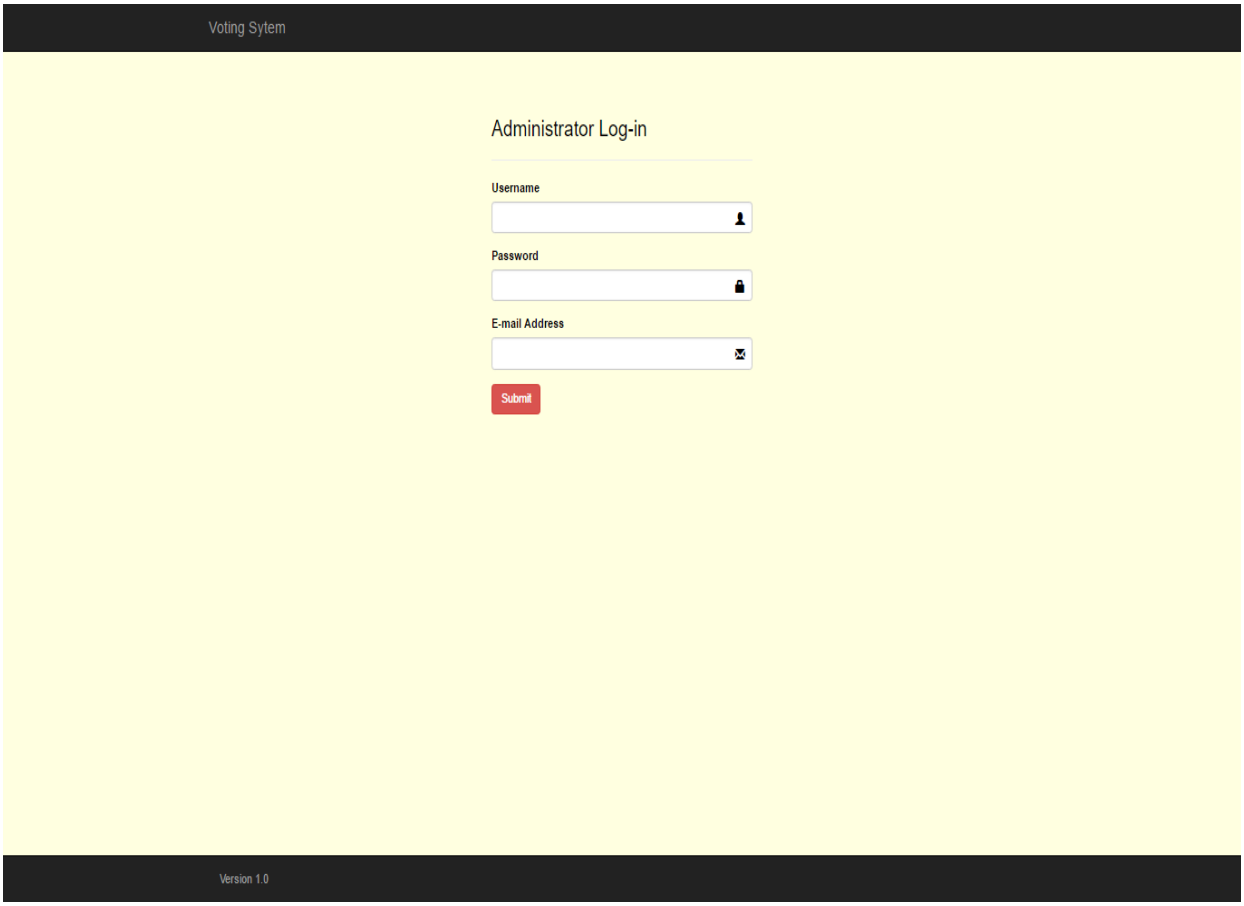
```
$insertVote = new Voting();
$rtnInsertVote = $insertVote->VOTE_NOMINEE($org, $pos, $candidate_id, $voters_id);
}

?><br><br>
<div class="voting-con">

<h4 style="text-align: center;"><?php echo $org; ?> </h4><hr />
<?php while($rowPos = $rtnReadPos->fetch_assoc()) { ?>
<form action="<?php $_SERVER['PHP_SELF']; ?>" method="POST" role="form">
<p class="help-block"><b><?php echo $rowPos['pos']; ?></b></p>
<?php
$readNominee = new Voting();
$rtnReadNominee = $readNominee->READ_NOMINEES($org, $rowPos['pos']);
?>

<?php if($rtnReadNominee) { ?>
<div class="form-group">

<select name="nominee" class="form-control">
<option value="">*****Select Nominee*****</option>



<?php while($rowNominee = $rtnReadNominee->fetch_assoc()) { ?>
<option value="<?php echo $rowNominee['id']; ?>"><?php echo $rowNominee['name']; ?>

</option>
<?php } //End while ?>
</select>
</div>
<?php } //End if ?>
<input type="hidden" name="org" value="<?php echo $org; ?>">
<input type="hidden" name="pos" value="<?php echo $rowPos['pos']; ?>">
<input type="hidden" name="voter_id" value="<?php echo $_SESSION['ID'];
<?php
$validateVote = new Voting();
$rtnValVote = $validateVote->VALIDATE_VOTE($org, $rowPos['pos'], $_SESSION['ID'])
?>
<button type="submit" name="vote"
<?php if($rtnValVote->num_rows > 0) { ?>
```

```
<?php echo "class='btn btn-default disabled'>"; ?>
<?php } else { ?>
<?php echo "class='btn btn-success'>"; ?>
<?php } //End if ?>
Vote
</button>
            <a href="process/logout.php"><span class="btn
btn-danger"> Log Out <span class="glyphicon glyphicon-log-out"></span></span> </a>
</form>
<?php } //End while ?>
</div>
</div>
<?php } //End if ?>
</div>
</div>
<!-- Footer -->
<nav class="navbar navbar-inverse navbar-fixed-bottom" role="navigation">

<div class="container">
<div class="navbar-text pull-left">
Choose Right person..Who Deserve to Win
</div>
</div>

</nav>
<!-- End Footer -->

<script src="assets/js/jquery.js"></script>
<script src="assets/js/bootstrap.min.js"></script>

</body>
</html>
```

SCREENSHOT

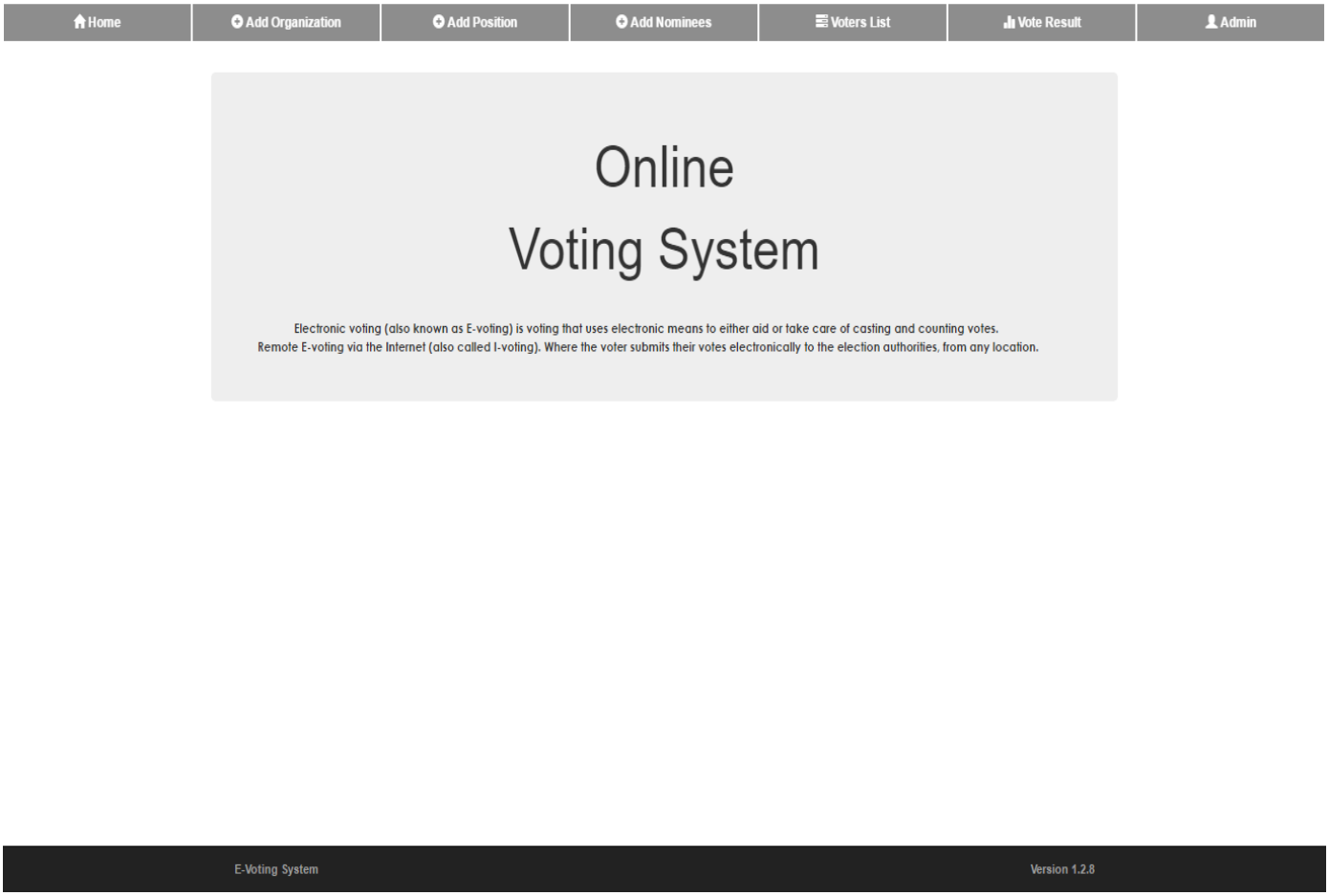
Admin login:-

Admin can login here using through different types of login validation such as username, password and email address



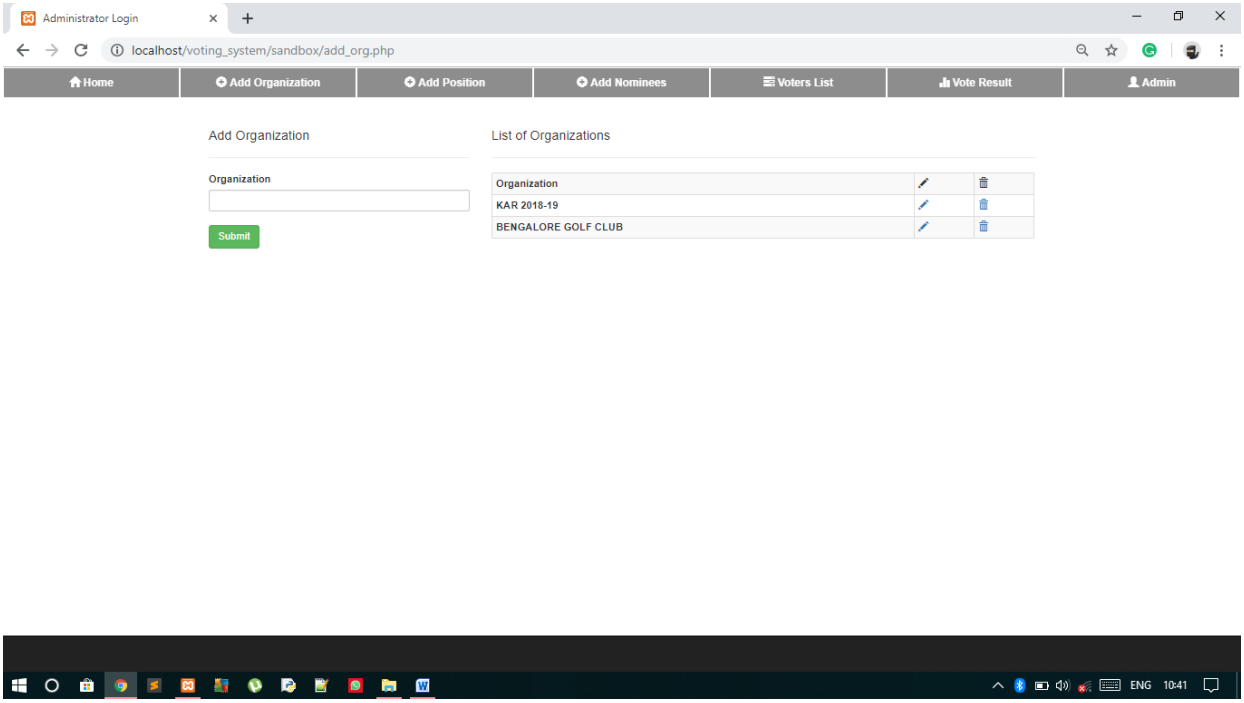
Admin Home page:

It is the home page of admin ,after successfully login of admin login page. It show different modules and special task of online voting system



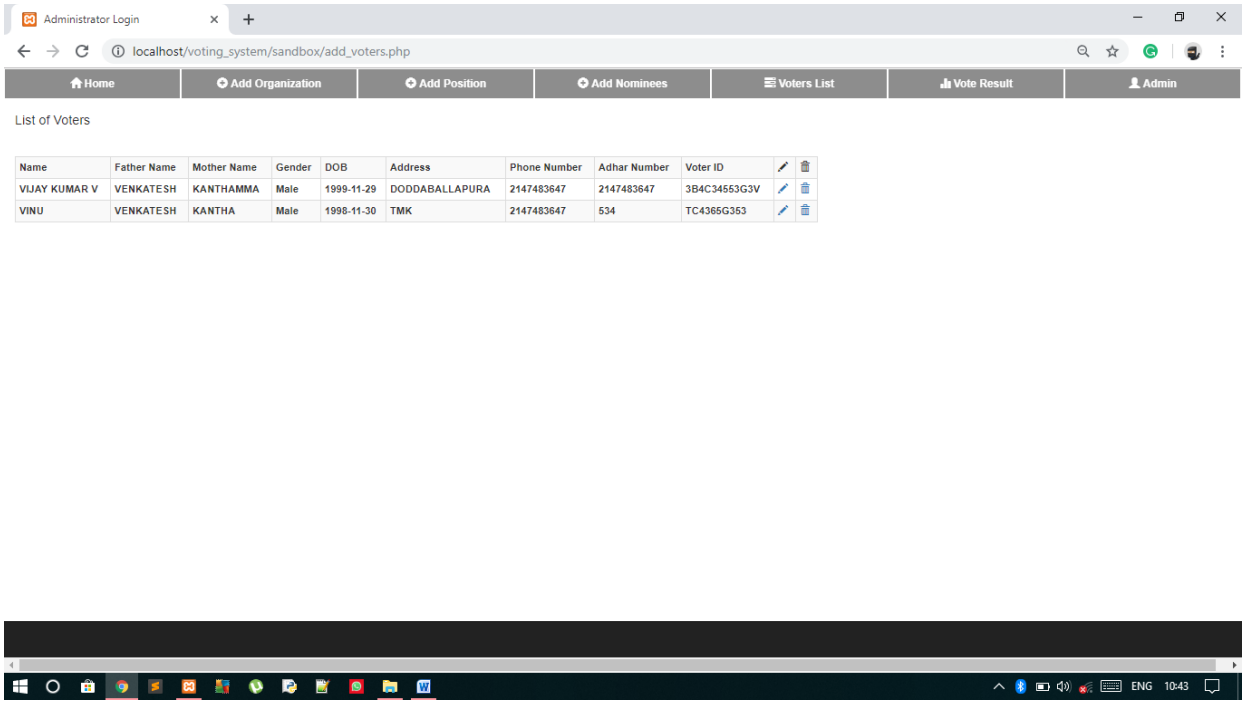
Add Organization:

Admin can host the concept of voting or organization. It is the beginning process of voting process. At a time he can host multiple organization for vote



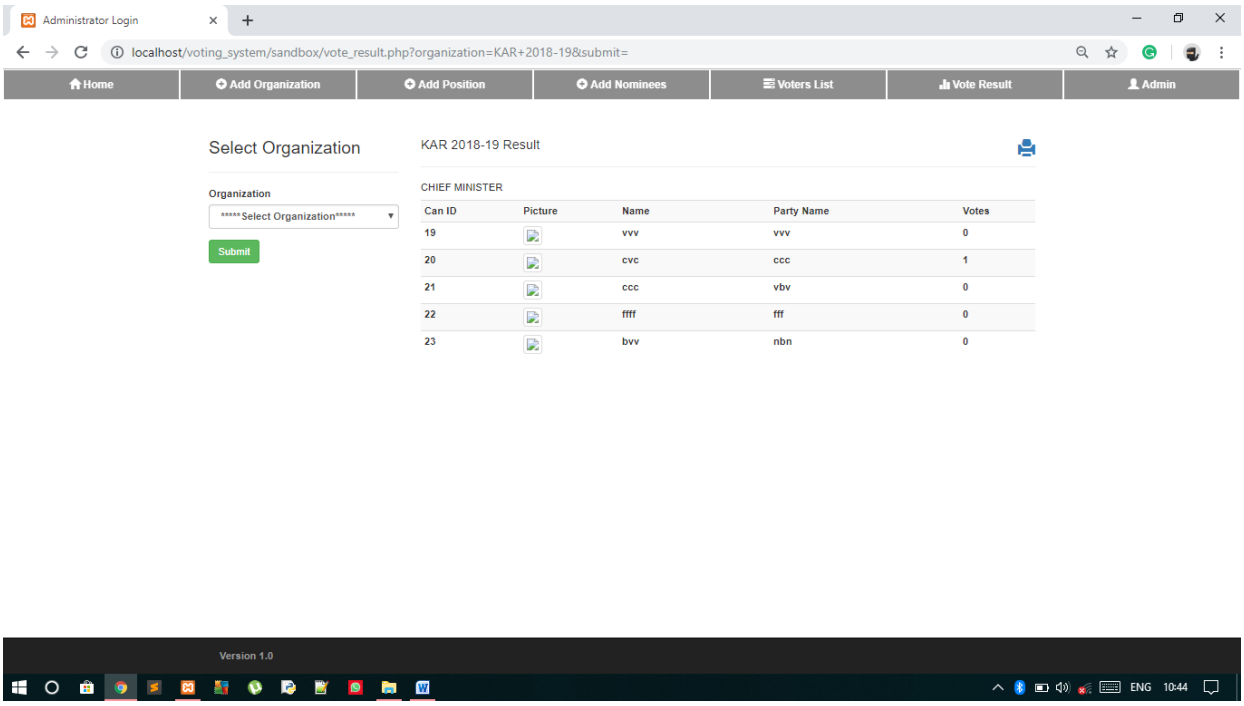
Voters list:

Admin can see the whole list of the voters are register to vote through online voting registration form. Admin can view the voters information except their password



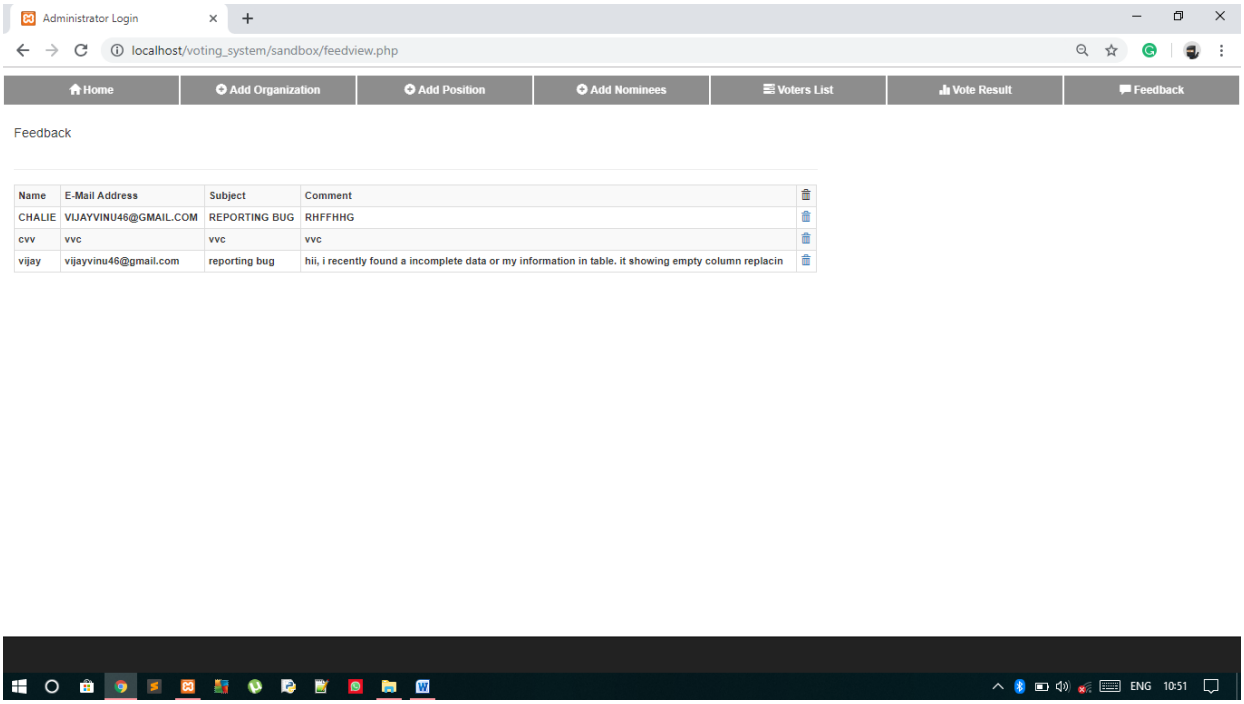
Vote Result:

Voters vote their selected nominee, at the end of the voting process admin can check the winner of the voting process and also can view how much votes every nominee got in online voting system



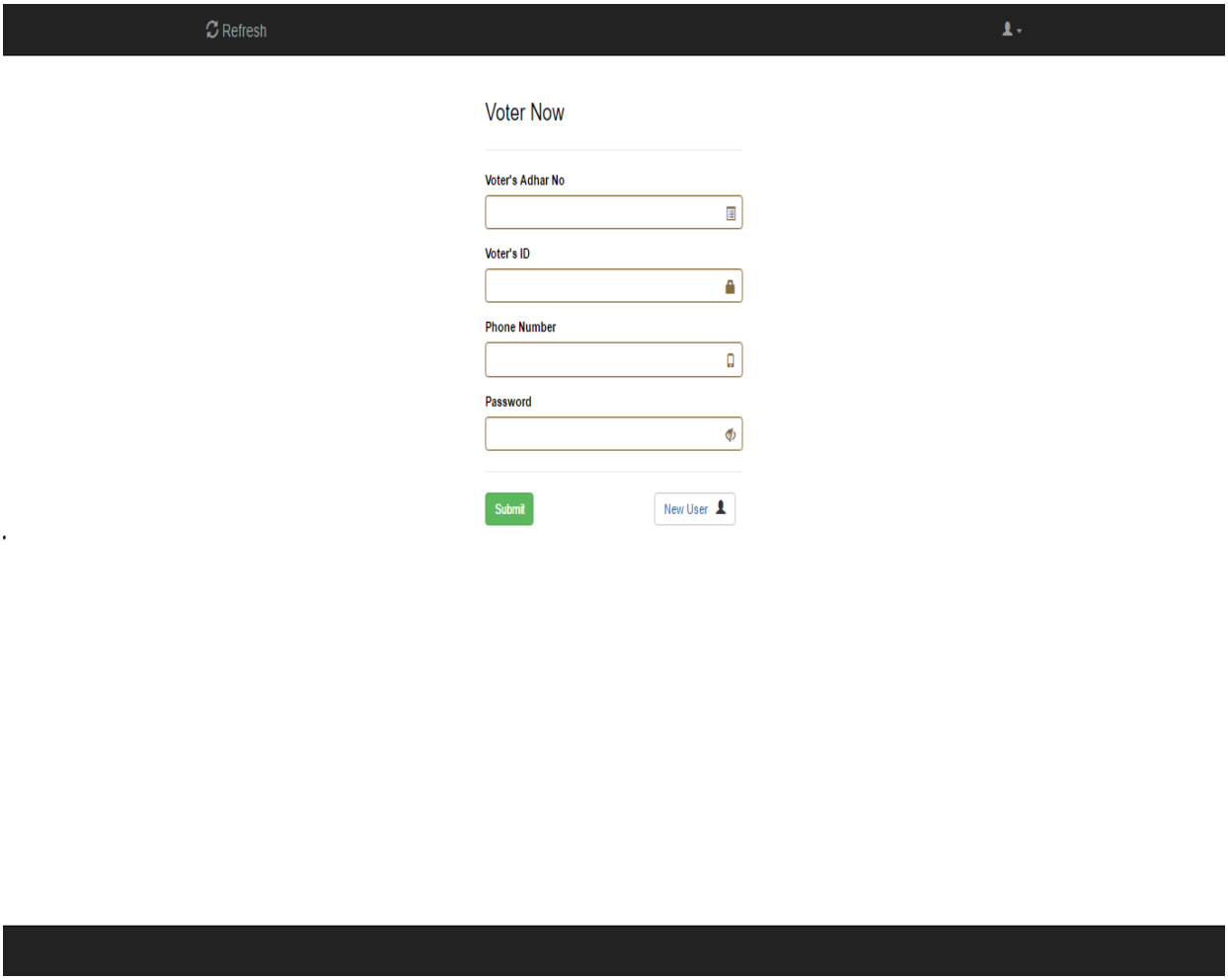
Voter Feed Back:

Admin can view the report, feedback or complaints of the voting system application by the feedback display form so it can helps to admin overcome, and resolves the problem faced by the voter



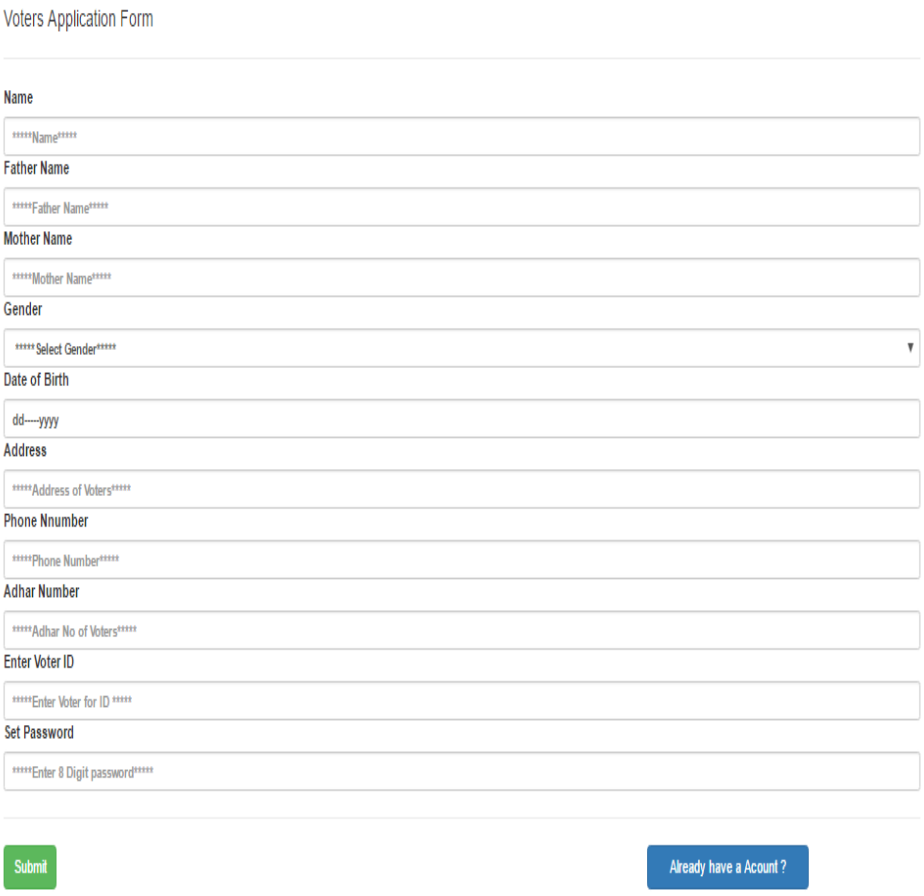
Voter Log-in page:

It is the login form for voter for voting process to elect the nominee. There are many login validation such as Adhar number ,voters ID, phone number and password when those all validation are satisfied it allows to voter to voting form



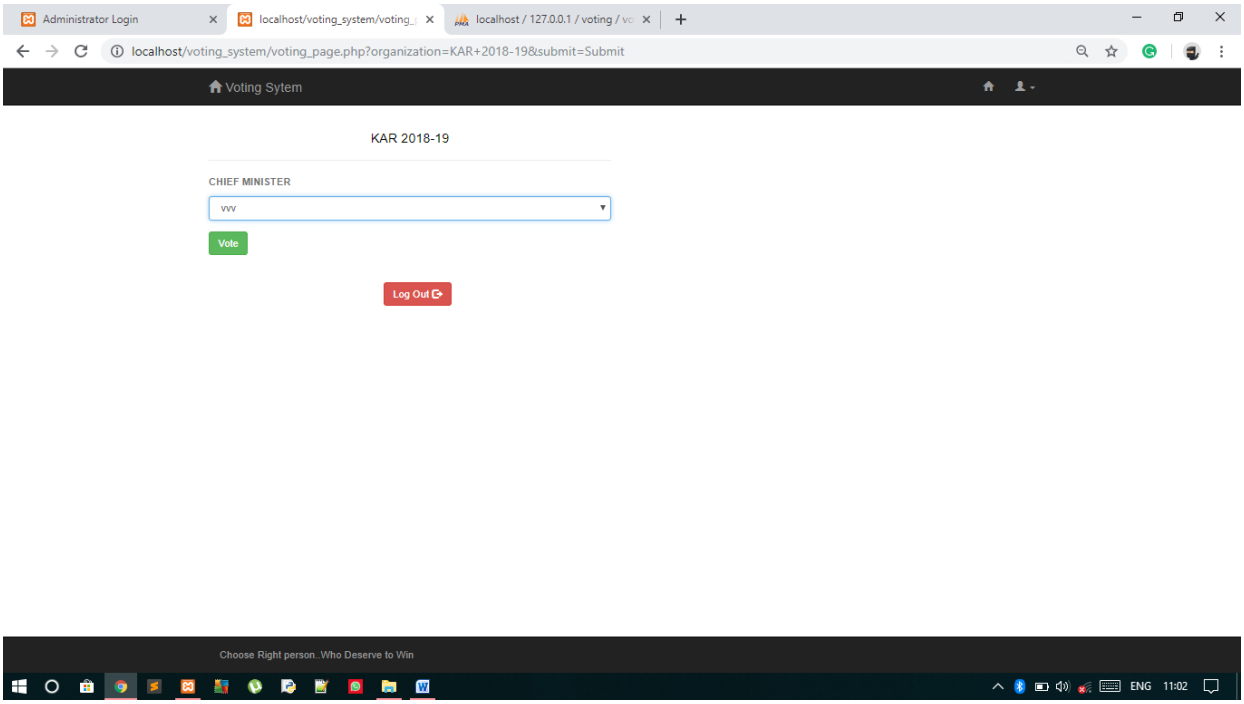
New voter registration form:

New voter can apply for online voting process by filling all information given by the voter registration form those who are above 18 year old. So he can vote next time voting process



Voting Page:

It is the voting page. Voter can independently elect nominees of voting system. Only one vote is valid for one voter, he can't select multiple nominees



CONCLUSION

- Online voting technology has not yet reached a level where the benefits of online voting would be greater than its risks.
- From the technical point of view, it would be possible to implement an online voting system, but there are deficiencies in how the verifiability and the prevention of pressuring voters could be reconciled.
- In practice, voters would have to be able to ensure that their vote has been counted as cast, but the system should still not produce a receipt that could be used to pressure voters or sell votes. The most significant risk is related to voters' confidence and the possibility of losing it.
- It is possible to shake voters' confidence in the voting system even without any actual technical capabilities, since harm can be done just by spreading false information and rumors. When votes can be concretely counted and recounted, it is easy to remove any suspicions of manipulation of the election results, at least.
- The electoral organization should have the means to identify harmful activities, prevent them and obtain the evidence required to bring criminal charges or to verify that the election result is indisputable and no manipulation has taken place.
- Currently, this is not yet possible. A separate recount of votes to detect and correct mistakes that have occurred in the vote count is not possible in online voting.
- In an online voting system, the information produced by the system on which votes have been counted needs to be trusted.
- If a recount of votes was carried out in an online voting system, it would be based on the information produced by the system itself and would give the same result as the actual count.

BIBLIOGRAPHY

www.onlinevoting.com

www.google.com

www.php.net

www.mysqltutorial.org