

**American International University- Bangladesh**

**CSC 3215: Web Technologies**

**CO2 and CO4 Evaluation**

**Finished Project Report**

**Fall 2019-2020**

**Project Title: ONLINE VOTING SYSTEM**

**Section: j**

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**Project Description:**

From the proposed project proposal, we have chosen the “**Online Voting System**”. In our system, we made a voting home page where the user can login if he/she is registered. If not registered, he/she can register from the home page. For registering, he/she has to provide first name, last name, user name, voter id number, phone number, password and finally captcha verification. After that, user can login with his/her selected user id and password.

When user may login, he/she can see the candidates. A user can vote once. The double voting system is strictly prohibited. After voting, the user can see the information to whom he/she voted. User can also see his/her details given as well as candidate’s current situations.

If the user may logout, again may want to login and want to make an another vote, he/she will be stopped. The text will be shown that, ‘You have already voted, No need to vote again’.

That’s how our system will work.

**Project Folder Structure:**

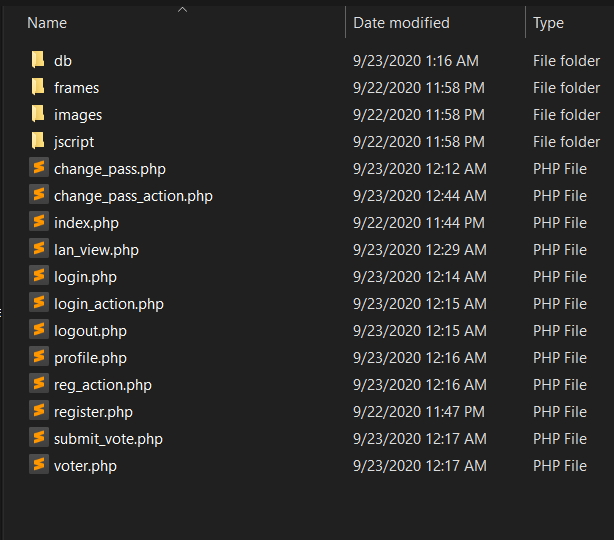
Pooling5 🡪db

frames

images

jscipt

Here a pictorial view of our project directory is given below:



**Core Modules of the Project:**

***reg\_action.php***

*<html>*

*<head>*

*<style>*

*body {*

*background-image: url("./images/ec.jpg");*

*background-repeat: no-repeat;*

*background-size: 1600px 680px;*

*background-color: #ffffff;*

*}*

*a:link {color:#ff0000;}*

*a:visited {color:#0000ff;}*

*a:hover {font-size:200%;}*

*</style>*

*</head>*

*<body>*

*<?php*

*session\_start();*

*$captcha = "" ;*

*include ("./db/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 = "6LeD3hEUAAAAADNeeaGRfKmABjn1gnsXxrpdTa2J";*

*$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']);*

*$name4 = mysqli\_real\_escape\_string($con,$\_POST['voteridnumber']);*

*$name5 = mysqli\_real\_escape\_string($con,$\_POST['phonenumber']);*

*$pass = mysqli\_real\_escape\_string($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();*

*}*

*$sq = mysqli\_query($con, 'SELECT voteridnumber FROM voters WHERE voteridnumber="'.$\_POST['voteridnumber'].'"');*

*$exist = mysqli\_num\_rows($sq);*

*if($exist==1){*

*$nam="<center><h4><font color='#FF0000'>The voter id already exist already exist.</h4></center></font>";*

*unset($username);*

*include('register.php');*

*exit();*

*}*

*$sql = mysqli\_query($con, 'INSERT INTO voters(firstname,lastname,username,VoterIdNumber,PhoneNumber)*

*VALUES("'.$\_POST['firstname'].'","'.$\_POST['lastname'].'","'.$\_POST['username'].'","'.$\_POST['voteridnumber'].'","'.$\_POST['phonenumber'].'")');*

*if (!$sql) {*

*die (mysqli\_error($con));*

*}*

*$sql2 = mysqli\_query($con, 'INSERT INTO loginusers(username,password)*

*VALUES("'.$\_POST['username'].'","'.md5($\_POST['password']).'")');*

*if (!$sql2) {*

*die (mysqli\_error($con));*

*}*

*else {*

*echo "Successfully Registered! <a href= 'login.php'>Clich here to Login </a>";*

*}*

*}*

*else {*

*$error="<center><h4><font color='#FF0000'>Registration Failed Due To Error !</h4></center></font>";*

*include"register.php";*

*}*

*?>*

*</body></html>*

***login\_action.php***

*<?php*

*session\_start();*

*include ("./db/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";*

*}*

*?>*

***Submit\_vote.php***

*<?php*

*include ("./db/connection.php");*

*session\_start();*

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

*$error="<center><h4><font color='#FF0000'>Please vote a candidate!</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 candidates 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();*

*}*

*}*

*?>*

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| **CO2 and CO4 Evaluation: Project Report Evaluation** | | | | | |
| **Completeness**  **(5)** | **Validation**  **(5)** | **Feature Implementation**  **(5)** | **Concept Understanding**  **(5)** | **Promptness (5)** | **Total (25)** |
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