

American International University- Bangladesh

CSC 3222: Web Technologies

CO1.1 and CO2.1 Evaluation

Project Report

Fall/Spring/Summer 20-21

Project Title: Online Polling System

Section: O

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**Online Polling System**

Project Description:

The project name is online pooling system. Online voting system is a software platform which is used to secure conduct votes and elections. As a digital platform, they eliminate the need to cast your votes using paper or having to gather in person. In our web site , we have a mail account where they can give messages for any inquiries. Admin will see it and reply to their messages. There is also given a demo video where they can learn more about voting system. There is two types of user : Admin user and voter user.

Admin:

In admin user ,admin has a secret code. After using this secret code ,he can enter to the admin sign up page. There he can create an account. In Admin page, Admin can add candidates, change his own password and can see the percentages of candidates. There is also a progress bar in admin page.

Voter:

Another user is a voter user. In our polling system, there is also a sign up page for voters. In that page, they can create their own accounts. After login voter account, voters can change their own password. There is a dashboard in voter account. In dashboard, voter can see total number of candidates,how many votes they will be getting and what is their percentages. In voter account, there also a voting system. In voting system, voters can give their votes on their own will to the suitable candidate . When they will done to give their votes then the voting button will remove automatically and this way they will not be able to get another chance to give another vote or to change their votes.

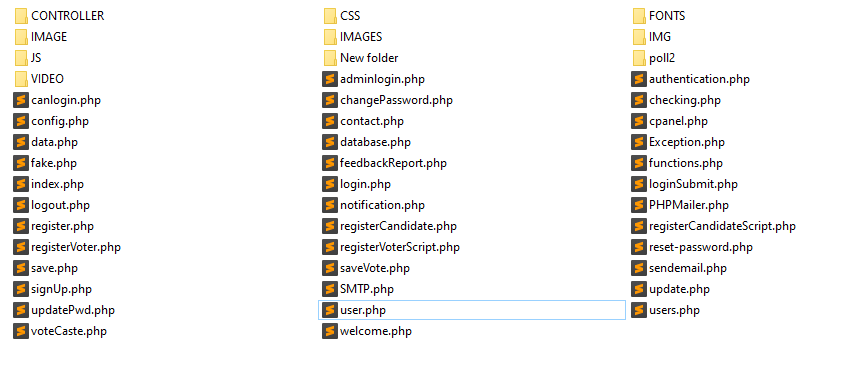
Election Commissioner

Delimitation of constituencies for the purpose of elections of Member of Parliament. Conducting elections for the office of Honorable President, Honorable Members of Parliament, different Local Government Bodies and other electoral processes prescribed by any other law. Preparing and updating electoral rolls for the purpose of all national and local level elections.

Candidate

Preparation of electoral rolls for use in all national and local bodies elections. Reservation and allocation of symbols to political parties/candidates, when required. Printing and supply of ballot papers to all polling stations located all over the country.

**Project Folder Structure:**



Adminlogin.php

<?php

$db = mysqli\_connect("localhost", "jc", "1549100", "studentvote");

if(isset($\_POST['submit'])){

session\_start();

$email = $\_POST['email'];

$password = md5($\_POST['password']);

$password1 = $\_POST['password'];

$sql="SELECT \* FROM signUp WHERE email='$email' AND password='$password'";

$verify = mysqli\_query($db, $sql);

if(mysqli\_num\_rows($verify)== 1){

$\_SESSION['email']=$email;

header("location: index.php");

}

else {

echo "incorrect email/password combination";

}

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Login</title>

<link rel="icon" href="image/logo.ico">

<link rel="stylesheet" href="adminlogin.css">

</head>

<body>

<form method="post" action="adminlogin.php">

<div class="size">

<label>Email:</label>

<input type="text" placeholder="Enter your email address" name="email" required ><br><br>

<label>Password:</label>

<input type="Password" placeholder="Enter Password" name="password" required><br><br>

</div>

<div class="Gendersub"><input type="submit" name="submit" value="Login" ></td></div>

</form>

</body>

</html>

Registercandidate.php

<!DOCTYPE html>

<!--

To change this license header, choose License Headers in Project Properties.

To change this template file, choose Tools | Templates

and open the template in the editor.

-->

<html>

<head>

<meta charset="UTF-8">

<title></title>

<style>

body{

background-color: #27ace854;

}

input{

width: 250px;

padding: 10px;

margin: 5px;

border-radius: 10px;

}

hr{

align: center;

width: 500px;

}

</style>

<link href="https://fonts.googleapis.com/css?family=Secular+One" rel="stylesheet">

<link rel="stylesheet" type="text/css" href="master.css">

</head>

<body>

<center>

<h1>Student Election System </h1>

<h3> <mark> Candidate Registration Portal </mark></h3>

<h3> <a href="cpanel.php">Goto HOME</a></h3>

<hr>

<h3>New Candidate's Details</h3>

<form action="registerCandidateScript.php" method="post">

<input type="text" placeholder="Name" name="name" >

<br>

<input type="email" placeholder="Email" name="email">

<br>

<input type="text" placeholder="Contact" name="contact">

<br>

<input class="btn btn-primary" type="submit" name="submit" value="Register">

</form>

<hr>

</center>

<?php

?>

</body>

</html>

Register.php

<?php

// Include config file

require\_once "config.php";

// Define variables and initialize with empty values

$username = $password = $confirm\_password = "";

$username\_err = $password\_err = $confirm\_password\_err = "";

// Processing form data when form is submitted

if($\_SERVER["REQUEST\_METHOD"] == "POST"){

// Validate username

if(empty(trim($\_POST["username"]))){

$username\_err = "Please enter a username.";

} elseif(!preg\_match('/^[a-zA-Z0-9\_]+$/', trim($\_POST["username"]))){

$username\_err = "Username can only contain letters, numbers, and underscores.";

} else{

// Prepare a select statement

$sql = "SELECT id FROM register WHERE username = ?";

if($stmt = mysqli\_prepare($link, $sql)){

// Bind variables to the prepared statement as parameters

mysqli\_stmt\_bind\_param($stmt, "s", $param\_username);

// Set parameters

$param\_username = trim($\_POST["username"]);

// Attempt to execute the prepared statement

if(mysqli\_stmt\_execute($stmt)){

/\* store result \*/

mysqli\_stmt\_store\_result($stmt);

if(mysqli\_stmt\_num\_rows($stmt) == 1){

$username\_err = "This username is already taken.";

} else{

$username = trim($\_POST["username"]);

}

} else{

echo "Oops! Something went wrong. Please try again later.";

}

// Close statement

mysqli\_stmt\_close($stmt);

}

}

// Validate password

if(empty(trim($\_POST["password"]))){

$password\_err = "Please enter a password.";

} elseif(strlen(trim($\_POST["password"])) < 6){

$password\_err = "Password must have atleast 6 characters.";

} else{

$password = trim($\_POST["password"]);

}

// Validate confirm password

if(empty(trim($\_POST["confirm\_password"]))){

$confirm\_password\_err = "Please confirm password.";

} else{

$confirm\_password = trim($\_POST["confirm\_password"]);

if(empty($password\_err) && ($password != $confirm\_password)){

$confirm\_password\_err = "Password did not match.";

}

}

// Check input errors before inserting in database

if(empty($username\_err) && empty($password\_err) && empty($confirm\_password\_err)){

// Prepare an insert statement

$sql = "INSERT INTO register (username, password) VALUES (?, ?)";

if($stmt = mysqli\_prepare($link, $sql)){

// Bind variables to the prepared statement as parameters

mysqli\_stmt\_bind\_param($stmt, "ss", $param\_username, $param\_password);

// Set parameters

$param\_username = $username;

$param\_password = password\_hash($password, PASSWORD\_DEFAULT); // Creates a password hash

// Attempt to execute the prepared statement

if(mysqli\_stmt\_execute($stmt)){

// Redirect to login page

header("location: login.php");

} else{

echo "Oops! Something went wrong. Please try again later.";

}

// Close statement

mysqli\_stmt\_close($stmt);

}

}

// Close connection

mysqli\_close($link);

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Sign Up</title>

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

<style>

body{ font: 14px sans-serif; }

.wrapper{ width: 360px; padding: 20px; }

</style>

</head>

<body>

<div class="wrapper">

<h2>Sign Up</h2>

<p>Please fill this form to create an account.</p>

<form action="<?php echo htmlspecialchars($\_SERVER["PHP\_SELF"]); ?>" method="post">

<div class="form-group">

<label>Username</label>

<input type="text" name="username" class="form-control <?php echo (!empty($username\_err)) ? 'is-invalid' : ''; ?>" value="<?php echo $username; ?>">

<span class="invalid-feedback"><?php echo $username\_err; ?></span>

</div>

<div class="form-group">

<label>Password</label>

<input type="password" name="password" class="form-control <?php echo (!empty($password\_err)) ? 'is-invalid' : ''; ?>" value="<?php echo $password; ?>">

<span class="invalid-feedback"><?php echo $password\_err; ?></span>

</div>

<div class="form-group">

<label>Confirm Password</label>

<input type="password" name="confirm\_password" class="form-control <?php echo (!empty($confirm\_password\_err)) ? 'is-invalid' : ''; ?>" value="<?php echo $confirm\_password; ?>">

<span class="invalid-feedback"><?php echo $confirm\_password\_err; ?></span>

</div>

<div class="form-group">

<input type="submit" class="btn btn-primary" value="Submit">

<input type="reset" class="btn btn-secondary ml-2" value="Reset">

</div>

<p>Already have an account? <a href="login.php">Login here</a>.</p>

</form>

</div>

</body>

</html>

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| CO1.1 and CO2.1 Evaluation: Project Report Evaluation | | | | | |
| Project Proposal  (5) | Background  Study  (5) | Requirement Analysis  (5) | Entity  Diagram  (5) | System Images  against the  Specification (5) | Total (25) |
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