Fall Semester 2020-21 Registration Number : 18BCE0503 Solution of Digital Lab Assignment-9(CSE3002) Name of Student: Rohan Mittal

**Exercise 9 – php**

**connect.php**

<?php

$conn = mysqli\_connect("localhost", "root","","");

if (mysqli\_connect\_errno())

{

echo "Failed to connect to MySQL: " . mysqli\_connect\_error();

}

mysqli\_select\_db($conn, "IWP");

return $conn;

?>

**Sign Up**

<html>

<head>

<meta charset="utf-8" />

<title>Rohan Mittal</title>

<meta name="viewport" content="width=device-width, initial-scale=1" />

<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

<style>

.login {

width: 360px;

margin: 50px auto;

font: Cambria, "Hoefler Text", "Liberation Serif", Times,

"Times New Roman", serif;

border-radius: 10px;

border: 2px solid #ccc;

padding: 10px 40px 25px;

margin-top: 70px;

}

input[type="text"],

input[type="password"], input[type="number"] {

width: 99%;

padding: 10px;

margin-top: 8px;

border: 1px solid #ccc;

padding-left: 5px;

font-size: 16px;

font-family: Cambria, "Hoefler Text", "Liberation Serif", Times,

"Times New Roman", serif;

}

input[type="submit"] {

width: 100%;

background-color: #009;

color: #fff;

border: 2px solid #06f;

padding: 10px;

font-size: 20px;

cursor: pointer;

border-radius: 5px;

margin-bottom: 15px;

}

</style>

</head>

<body>

<div class="login">

<h1 style="text-align:center">Sign Up</h1>

<form action="signup-php.php" method="POST" style="text-align:center;">

<input type="text" placeholder="Username" id="user" name="username"><br /><br />

<input type="password" placeholder="Password" id="pass" name="password"><br /><br />

<input type="number" placeholder="Phone Number" id="phone" name="phone"><br /><br />

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

<div style="text-align: center">

Already Signed up?

<a href="login.php">Login</a>

</div>

</body>

</html>

**sign-up.php**

<?php

include("connect.php");

$access = 1;

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

$username = $\_POST["username"];

$password = $\_POST["password"];

$password\_hash = sha1($\_POST["password"]);

$phone = $\_POST["phone"];

$check = "select \* from Users WHERE USERNAME='$username'";

$res = $conn->query($check);

$row = mysqli\_fetch\_row($res);

if (mysqli\_num\_rows($res) > 0) {

$access = 0;

echo ("<SCRIPT LANGUAGE='JavaScript'>

window.alert('User Already Exists! Please Login')

window.location.href='login.php'

</SCRIPT>");

}

if (strlen($password) < 8) {

$access = 0;

echo ("<script>window.alert('Password must be Atleast 8 characters!!')

window.location.href='signup.php'</script>");

}

if ($access == 1) {

$sql = "insert into Users(USERNAME, PASSWORD\_HASH, PHONE) values ('$username','$password\_hash','$phone')";

if (mysqli\_query($conn, $sql)) {

$\_SESSION["username"] = $username;

echo "<script>window.alert('Record created successfully')

window.location.href='login.php'</script>";

} else {

echo "Error: " . $sql . "<br>" . mysqli\_error($conn);

}

}

}

Graphical user interface, application

Description automatically generated

Graphical user interface, text

Description automatically generatedGraphical user interface, text

Description automatically generated

**Upon trying to sign up Rohan Mittal again.**

Graphical user interface, text

Description automatically generated

**When password is less than 8 characters in length**

Graphical user interface, application

Description automatically generated

Text

Description automatically generated

**Login**

**login.php**

<html>

<head>

<meta charset="utf-8" />

<title>Rohan Mittal</title>

<meta name="viewport" content="width=device-width, initial-scale=1" />

<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

<style>

.login {

width: 360px;

margin: 50px auto;

font: Cambria, "Hoefler Text", "Liberation Serif", Times,

"Times New Roman", serif;

border-radius: 10px;

border: 2px solid #ccc;

padding: 10px 40px 25px;

margin-top: 70px;

}

input[type="text"],

input[type="password"],

input[type="number"] {

width: 99%;

padding: 10px;

margin-top: 8px;

border: 1px solid #ccc;

padding-left: 5px;

font-size: 16px;

font-family: Cambria, "Hoefler Text", "Liberation Serif", Times,

"Times New Roman", serif;

}

input[type="submit"] {

width: 100%;

background-color: #009;

color: #fff;

border: 2px solid #06f;

padding: 10px;

font-size: 20px;

cursor: pointer;

border-radius: 5px;

margin-bottom: 15px;

}

</style>

</head>

<body>

<div class="login">

<h1 style="text-align:center">Login</h1>

<form action="login-php.php" method="POST" style="text-align:center;">

<input type="text" placeholder="Username" id="username" name="username"><br /><br />

<input type="password" placeholder="Password" id="password" name="password"><br /><br />

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

<div style="text-align: center">

Not Signed up?

<a href="signup.php" style="text-decoration: none; background-color: brown; color: white; padding: 5px; border:1px; border-radius: 5px;">Sign Up</a>

</div>

<!-- Error Message -->

</body>

</html>

**login-php.php**

<?php

include("connect.php");

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

$password = sha1($\_POST["password"]);

$username = $\_POST["username"];

$query = "select \* from Users where USERNAME='$username' and PASSWORD\_HASH='$password'";

$res = $conn->query($query);

echo "hi";

if (mysqli\_num\_rows($res) > 0) {

$row = mysqli\_fetch\_assoc($res);

$user = $row['USERNAME'];

$\_SESSION["user"] = $user;

echo "hi";

echo ("<SCRIPT LANGUAGE='JavaScript'>

localStorage.setItem('username', '$username');

window.location.href='welcome.php'

</SCRIPT>");

} else {

echo "hi2";

echo "<script>window.alert('Invlaid Credentials!!')

window.location.href='login.php'</script>";

}

}

Graphical user interface, application

Description automatically generated

**Upon entering Incorrect password / Invalid User**

Shape, rectangle

Description automatically generated

**Upon Entering Correct Password**

**A picture containing text

Description automatically generated**

**Name stored in localstorage**

**A screenshot of a cell phone

Description automatically generated**