**register.php**

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

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

<title>Register Page</title>

</head>

<body>

<center>

<h1>Registration</h1>

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

<p>

<label for="name">Name:</label>

<input type="text" name="name" required></p>

<p>

<label for="userEmail">Email:</label>

<input type="text" name="userEmail" required></p>

<p>

<label for="userPassword">Password:</label>

<input type="password" name="userPassword" required></p>

<p>

<label for="userType">User Type:</label>

<select name="userType">

<option value = "1">Doctor</option>

<option value = "2">Patient</option>

</select>

</p>

<input type="submit" value="Submit">

</form>

</center>

</body>

</html>

**sqlFunctions.php**

<?php

function connect(){

$dbserver = "localhost";

$username = "root";

$password = "";

$dbname = "simpleAppDB";

$link = mysqli\_connect($dbserver, $username, $password, $dbname);

//or die(“Could not connect”);

return $link;

}

function setData($sql){

$link = connect();

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

return true;

}

else{

//$err = $link->error;

return false;

// false;

}

}

function getData($sql){

$link = connect();

$result = mysqli\_query($link,$sql);

$rowData = array();

while($row = mysqli\_fetch\_array($result,MYSQLI\_ASSOC)){

$rowData[]= $row;

}

return $rowData;

}

?>

**registerPr.php**

<?php

require("sqlFunctions.php");

session\_start();

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

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

$userPassword = md5($\_POST["userPassword"]);

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

echo($userType);

//Assigning session variables

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

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

$sql = "INSERT INTO users (userEmail, userPassword, userName, userType)

VALUES('$userEmail', '$userPassword', '$name', '$userType')";

setData($sql);

//Redirect to login.php

header("Location:login.php");

?>

**login.php**

<!DOCTYPE html>

<html>

<head>

</head>

<body align = 'center'>

<h1>Login</h1><br>

<form action='loginPr.php' method='post'>

<label for = 'userEmail'>Email</label>

<input type = 'text' name = 'userEmail' id = 'userEmail'><br><br><br>

<label for = 'userPassword'>Password</label>

<input type='password' name='userPassword' id='userPassword'><br><br><br>

<input type = 'submit' value = 'Done'>

</form>

</body>

</html>

**loginPr.php**

<?php

session\_start();

require("sqlFunctions.php");

connect();

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

$userPassword = md5($\_POST["userPassword"]);

$sql = "SELECT userName,userPassword FROM users

WHERE userEmail = '$userEmail'";

$rowData = getData($sql);

$arr\_length = count($rowData);

if($arr\_length == 0){

?>

<script>

alert("You have not yet registered");

window.location.replace("register.php");

</script>

<?php

}

else{

if($userPassword == $rowData[0]["userPassword"]){

//Create Session variable

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

if ($userType == "doctor") {

header("Location: doctor\_page.php"); // Redirect to the doctor page

} elseif ($userType == "patient") {

header("Location: patient\_page.php"); // Redirect to the patient page

}

else{

?>

<script>

alert("Wrong Password. Try again!");

window.location.replace("login.php");

</script>

<?php

}

}

?>

**doctor\_page.php**

<?php

session\_start();

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<meta http-equiv="X-UA-Compatible" content="ie=edge">

<title>Doctors page</title>

</head>

<body align="right">

<h3>Doctor <?php echo($\_SESSION["userName"]);?></h3>

</body>

</html>

**Patient\_page.php**

<?php

session\_start();

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<meta http-equiv="X-UA-Compatible" content="ie=edge">

<title>Patients page</title>

</head>

<body align="right">

<h3>Patient <?php echo($\_SESSION["userName"]);?></h3>

</body>

</html>