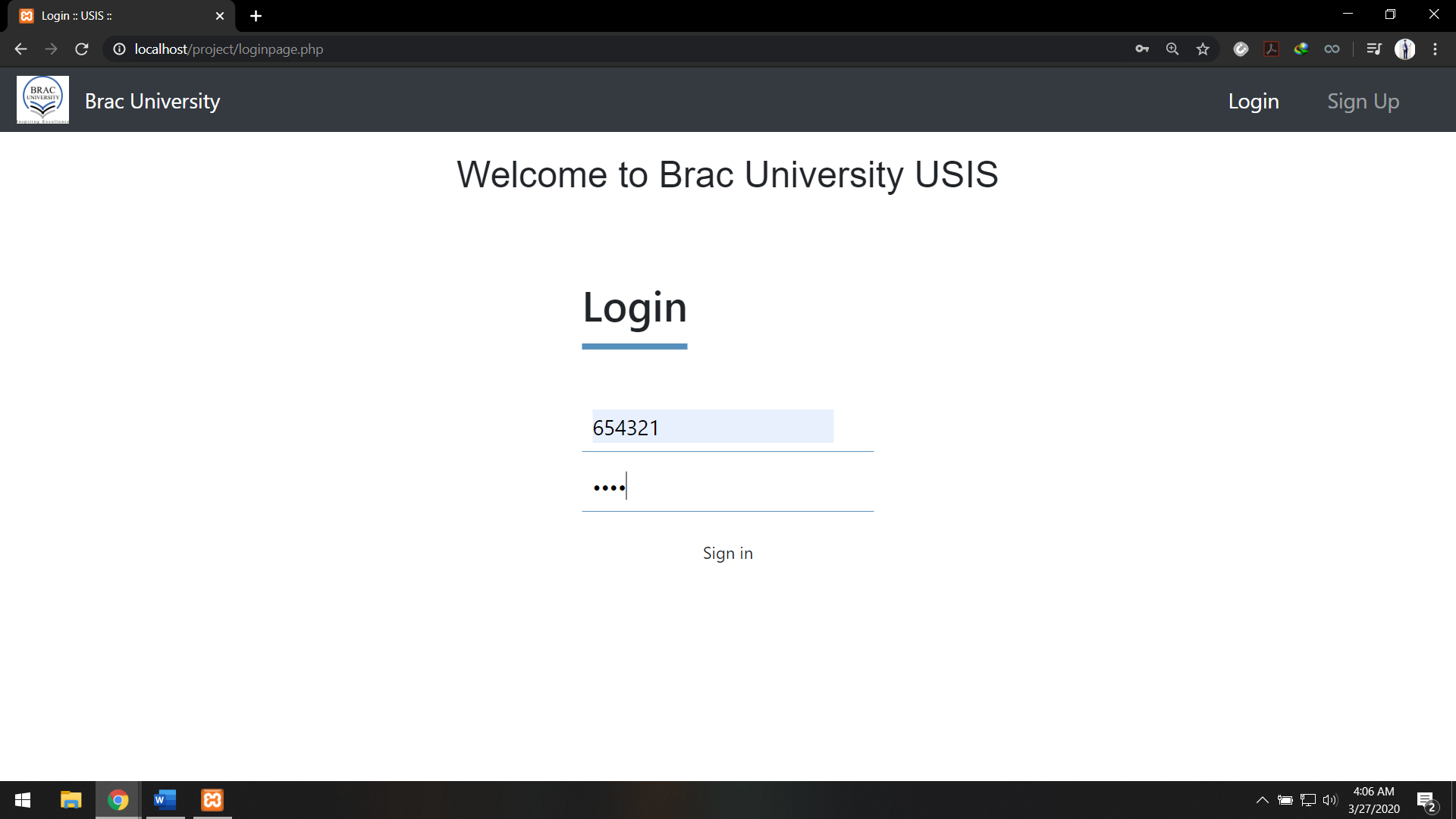
**CSE370 LAB PROJECT (DATABASE)**

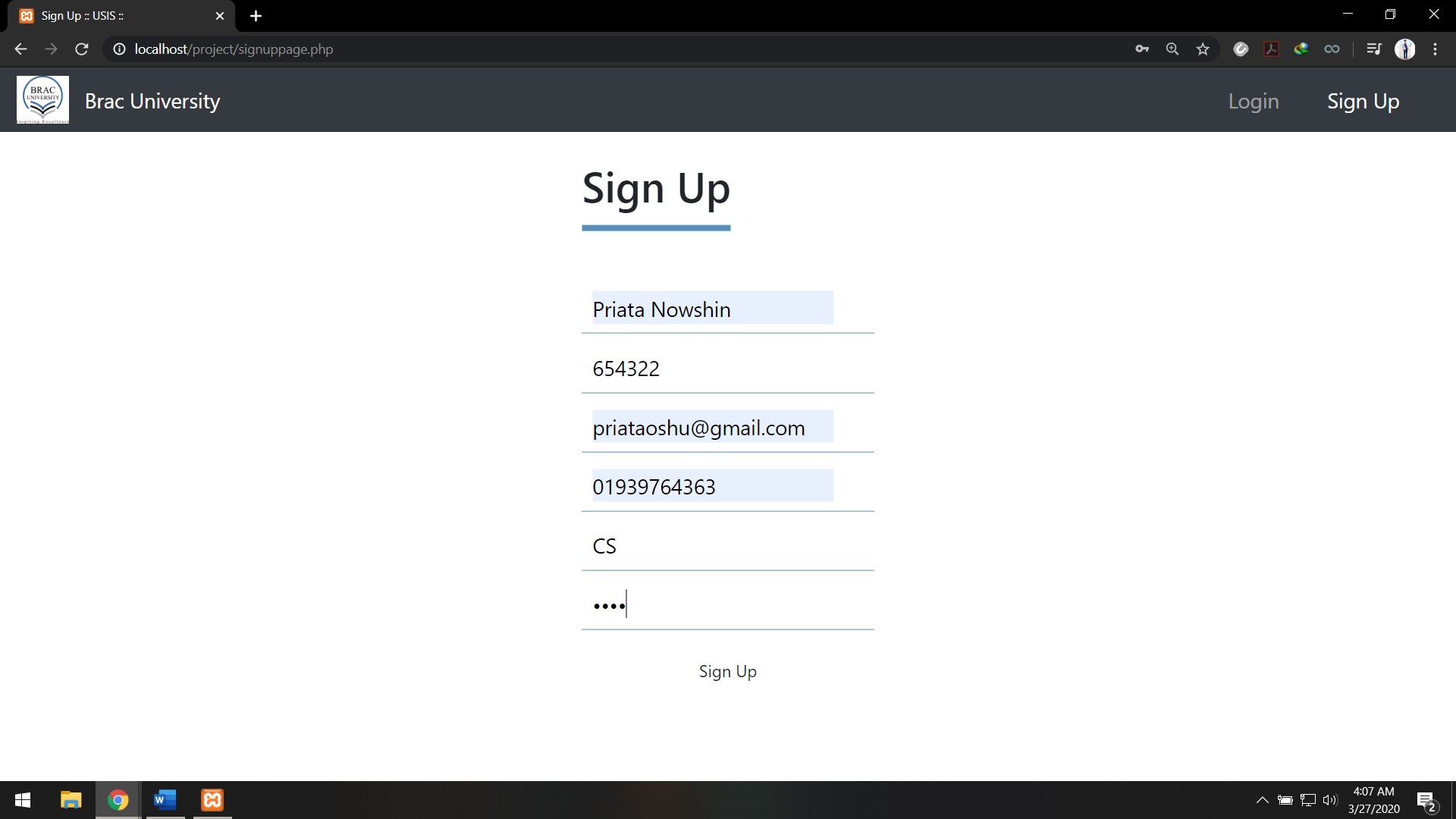
**Project Title**: Brac University advising system (USIS)

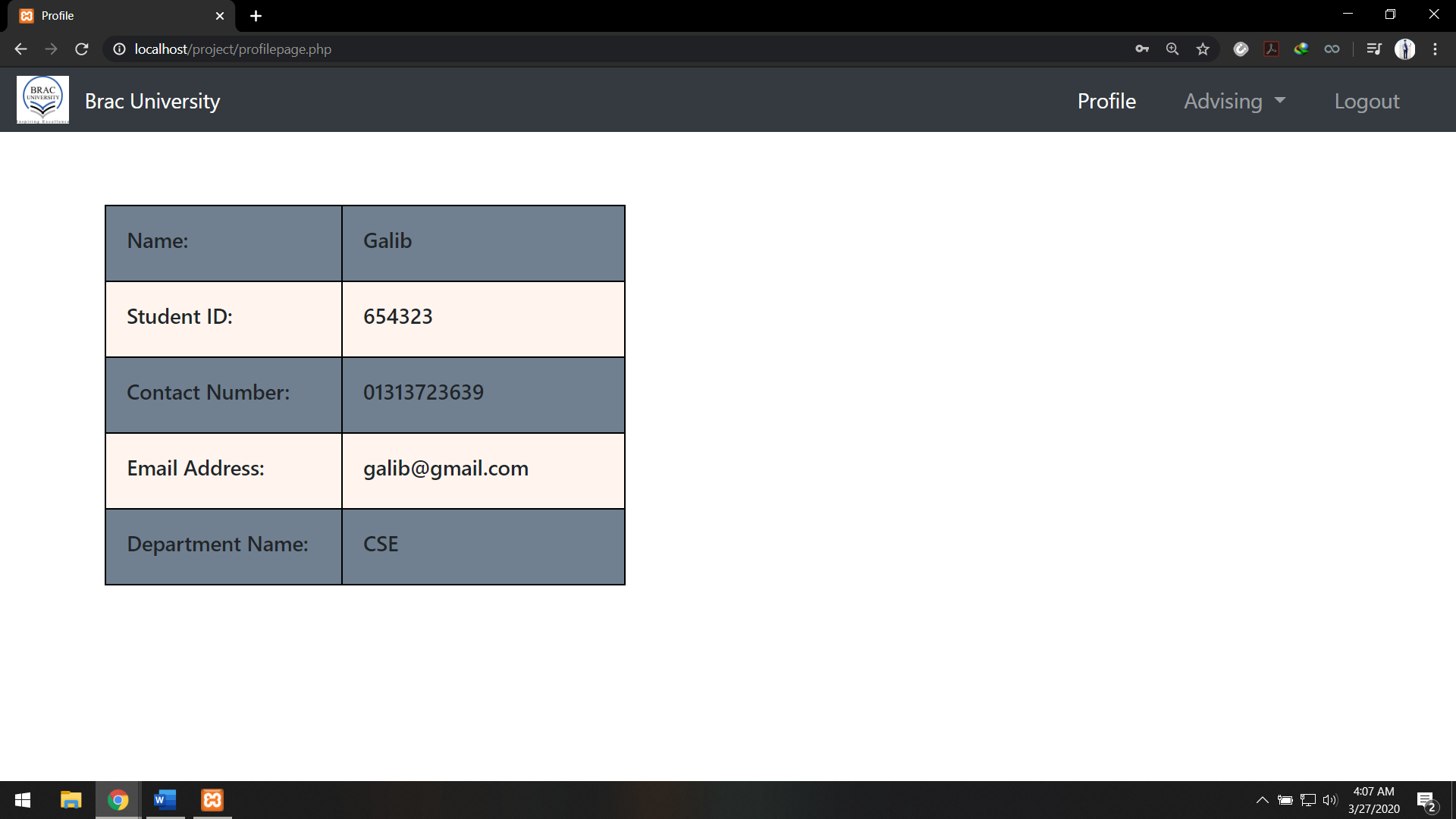
**Members:**

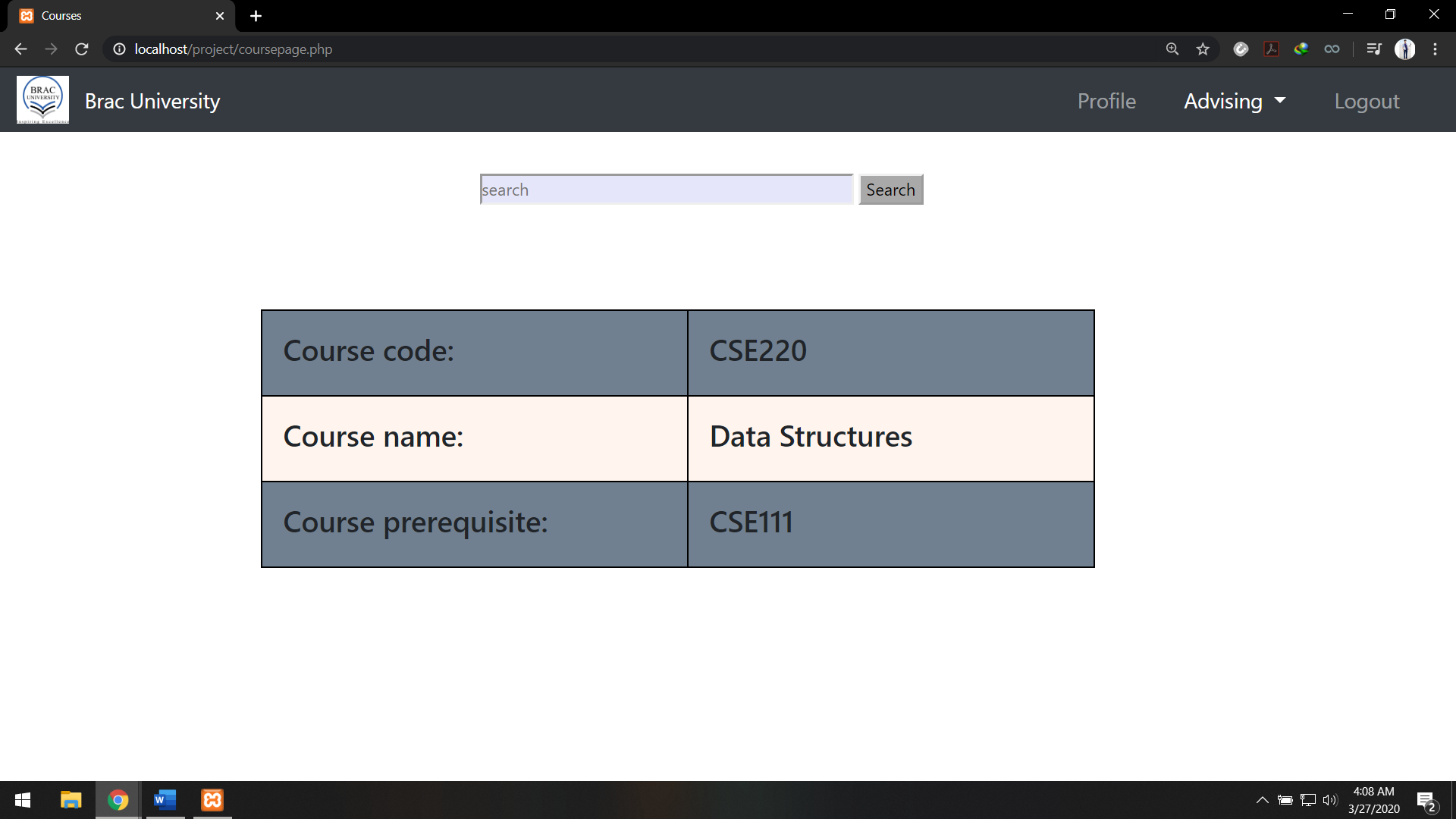
|  |  |
| --- | --- |
| Name  **Galib Abdun Noor**  **Shahriar Rumi Dipto**  **Priata Nowshin**  **Deboraj Chowdhury** | Id  **20141037**  **20141036**  **20141035**  **18101242** |

1. **EER & Schema are already submitted.**
2. **Pages -**

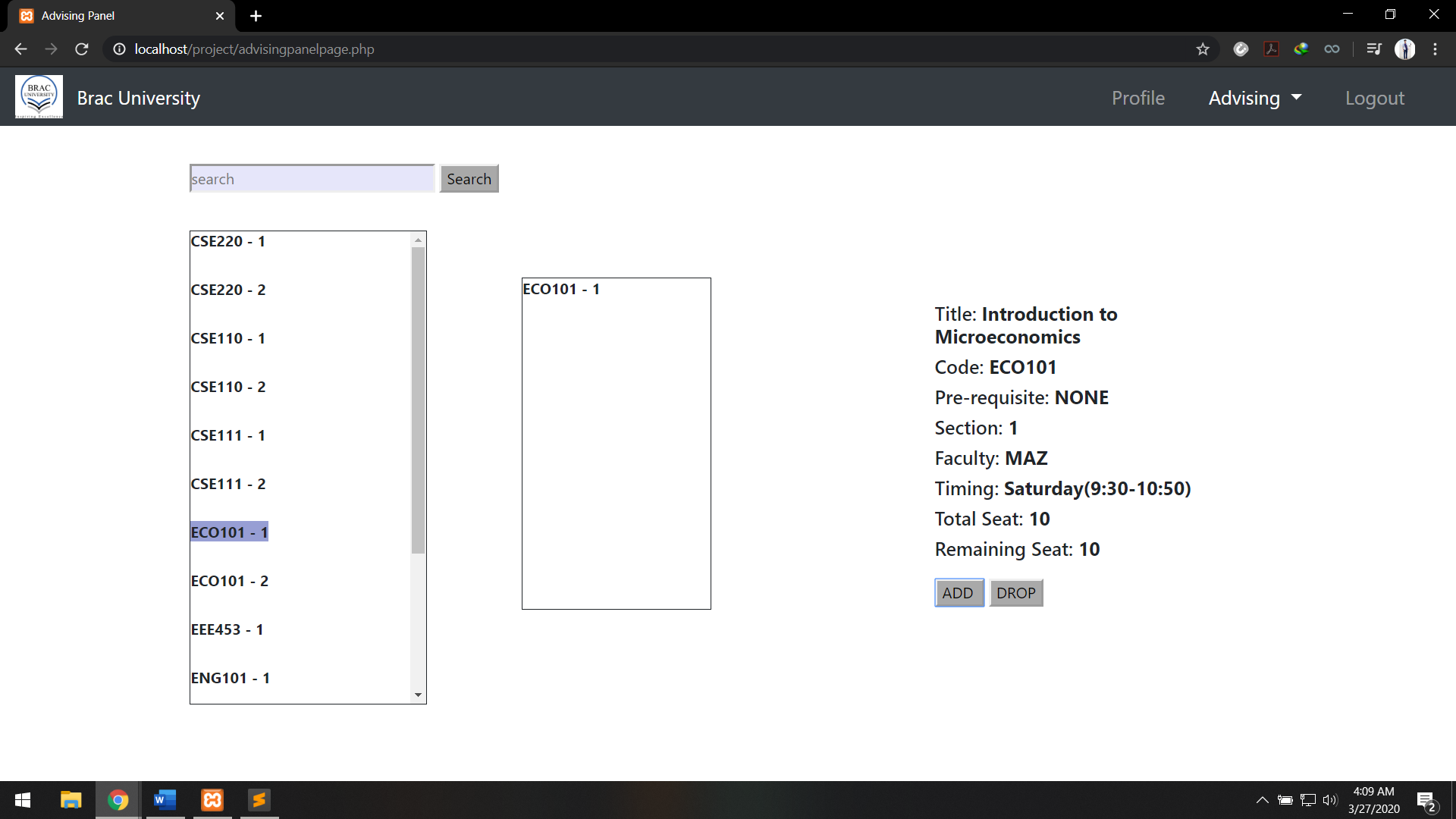


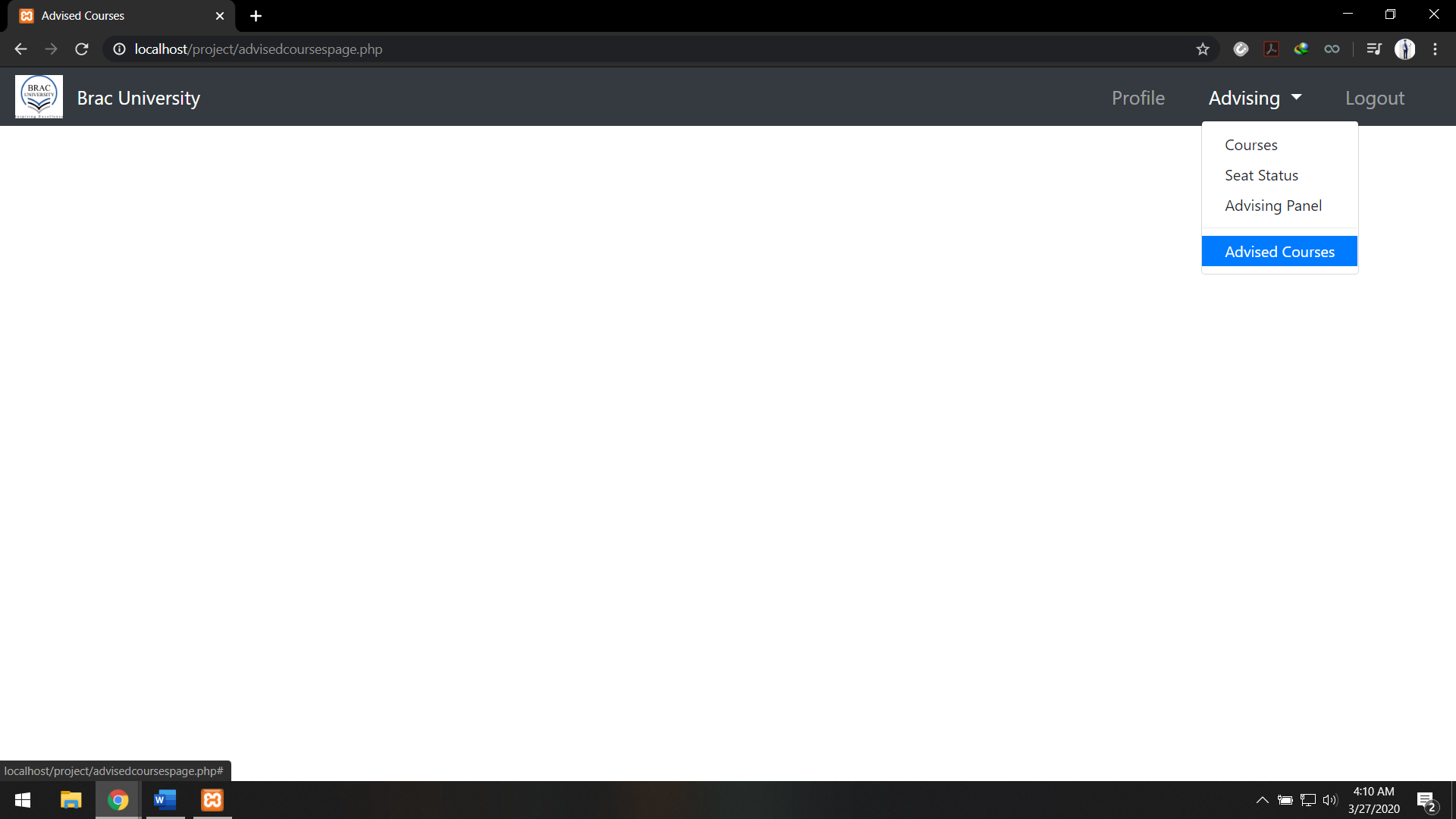












1. **Backend code of sign in and sign up page –**

**Sign-in page:**

<?php

session\_start();

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

//variable declaration

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

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

//To prevent MYSQL injection

$id = stripcslashes($id);

$password = stripcslashes($password);

//Database Connection

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

if(!$conn){

die("Connection failed: " . $conn->connect\_error);

}

//Empty checking

$errors = array();

if(empty($id)){

array\_push($errors, "ID is required");

}

if(empty($password)){

array\_push($errors, "Password is required");

}

//database check

if(count($errors)==0){

// $password = md5($password);

$check\_query = "SELECT \* FROM student WHERE std\_id = '$id' AND std\_password = '$password'";

$result = mysqli\_query($conn,$check\_query);

if(!$result || mysqli\_num\_rows($result) == 1){

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

// $\_SESSION['success'] = "Logged in successfully";

// echo $\_SESSION['id'];

// echo $\_SESSION['success'];

header('location: profilepage.php');

}else{

array\_push($errors,"wrong id/password combination. Please try again");

echo array\_pop($errors);

}

}else if(count($errors) > 0){

foreach ($errors as $error) {

echo $error , " <br><br>";

}

}

}

?>

**Sign up page:**

<?php

session\_start();

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

/\*Variable Declaration\*/

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

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

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

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

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

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

/\* Database Connection\*/

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

if (!$conn) {

die("Connection failed: " . mysqli\_connect\_error());

}

/\*EmptyFields check\*/

$errors = array();

if (empty($name)) {

array\_push($errors, "Name is required");

}

if (empty($id)) {

array\_push($errors, "Id is required");

}

if (empty($email)) {

array\_push($errors, "Email is required");

}

if (empty($contact)) {

array\_push($errors, "Contact is required");

}

if (empty($department)) {

array\_push($errors, "Department is required");

}

if (empty($password)) {

array\_push($errors, "Password is required");

}

/\*Duplicate Check\*/

$check\_query = "SELECT \* FROM student WHERE std\_id = '$id' OR std\_email\_address = '$email' OR std\_contact\_no = '$contact' LIMIT 1";

$result = mysqli\_query($conn , $check\_query);

$user = mysqli\_fetch\_assoc($result);

if($user){

if ($user['std\_id'] === $id) {

array\_push($errors, "Id already exists");

}else if ($user['std\_contact\_no'] === $contact) {

array\_push($errors, "Contact number already exists");

}else if ($user['std\_contact\_no'] === $email) {

array\_push($errors, "Email address already exists");

}

}

// Inserting values

if (count($errors) == 0) {

// $password = md5($password); //Encrypting the password

$insert\_query = "INSERT INTO student VALUES('$name', '$id' , '$contact', '$email' , '$department' , '$password')";

mysqli\_query($conn,$insert\_query);

header('location: loginpage.php');

}

//If there are any errors, Echo IT!

else if(count($errors) > 0){

foreach ($errors as $error) {

echo $error , " <br><br>";

}

}

}

?>

1. **Queries:**

1.SELECT \* FROM student WHERE std\_id = '$id' OR std\_email\_address = '$email' OR std\_contact\_no = '$contact' LIMIT 1;

2. INSERT INTO student VALUES('$name', '$id' , '$contact', '$email' , '$department' , '$password');

3. SELECT \* FROM student WHERE std\_id = '$id' AND std\_password = '$password';

4. SELECT \* FROM student WHERE std\_id='$id';

5. SELECT \* FROM section WHERE section\_course\_code LIKE '%$search%';

6. SELECT \* FROM course WHERE course\_code LIKE '%$search%';

7. SELECT section\_course\_code, section\_no from section where section\_course\_code like '%$search%';

8. SELECT section\_course\_code,section\_no from section;

9. SELECT \* FROM course INNER JOIN section ON course\_code=section\_course\_code WHERE course\_code = '$split[0]' AND section\_no = '$split[1]';

10. SELECT \* FROM courses\_taken WHERE "$\_SESSION['id']" = std\_id;

11. INSERT INTO advised\_course VALUES ('$course\_code', '$course\_section', ' $faculty\_initial', '$\_SESSION['id']');

1. **Project files link -** https://drive.google.com/file/d/1WeU7Pk\_Fw9PK0u84cSPJYLo5jpsWacwt/view?usp=sharing