



الأكاديمية العربية للعلوم والتكنولوجيا والنقل البحري

Arab Academy for Science, Technology & Maritime Transport

College of Computing and Information

Structure of Programming Language 12th

Project Report

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Language: PHP

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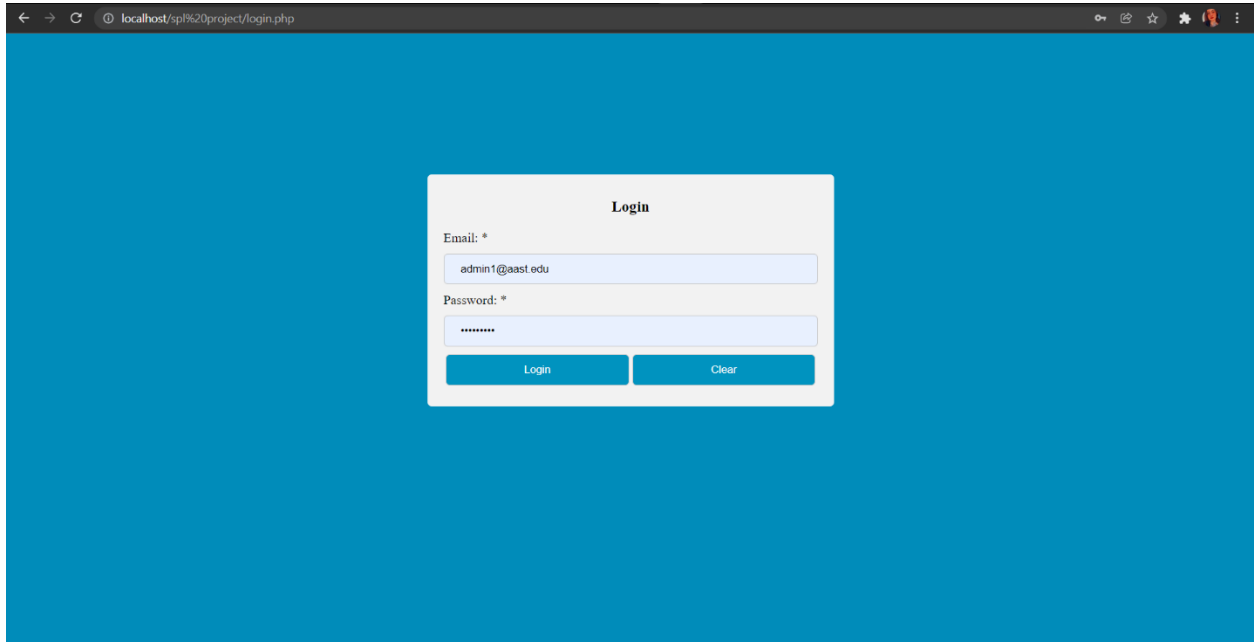
Manar Nagy 18102985

Miral Hussam 1810188

Mariam Beshir 18100173

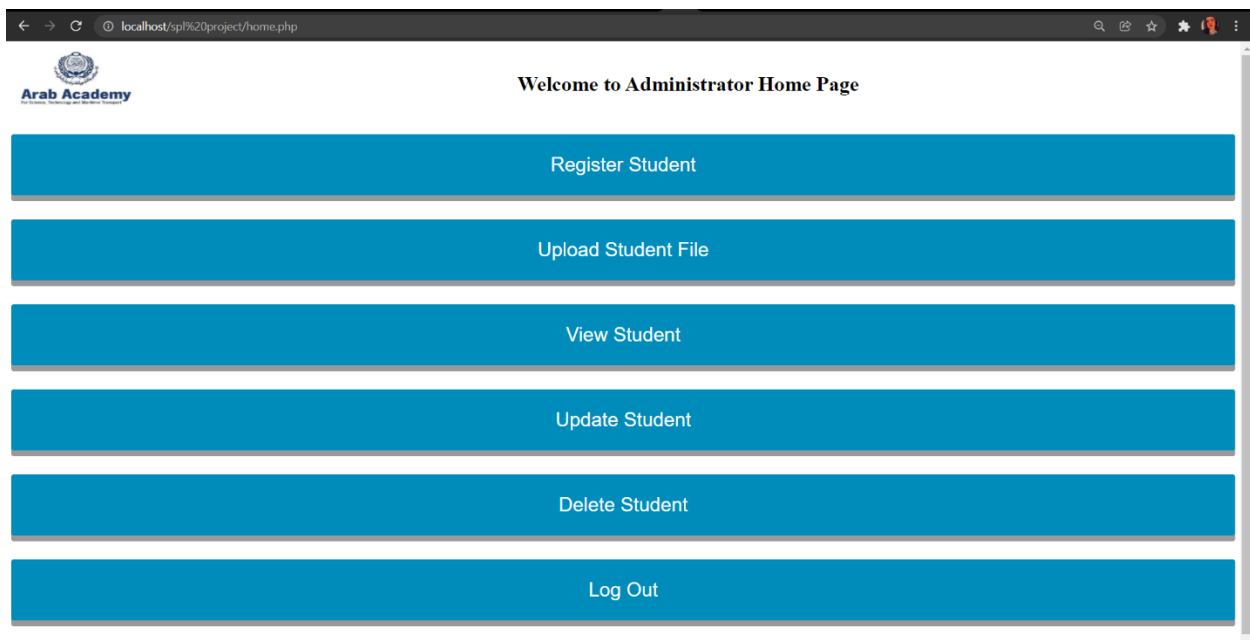
Working Website

1) Login Page:



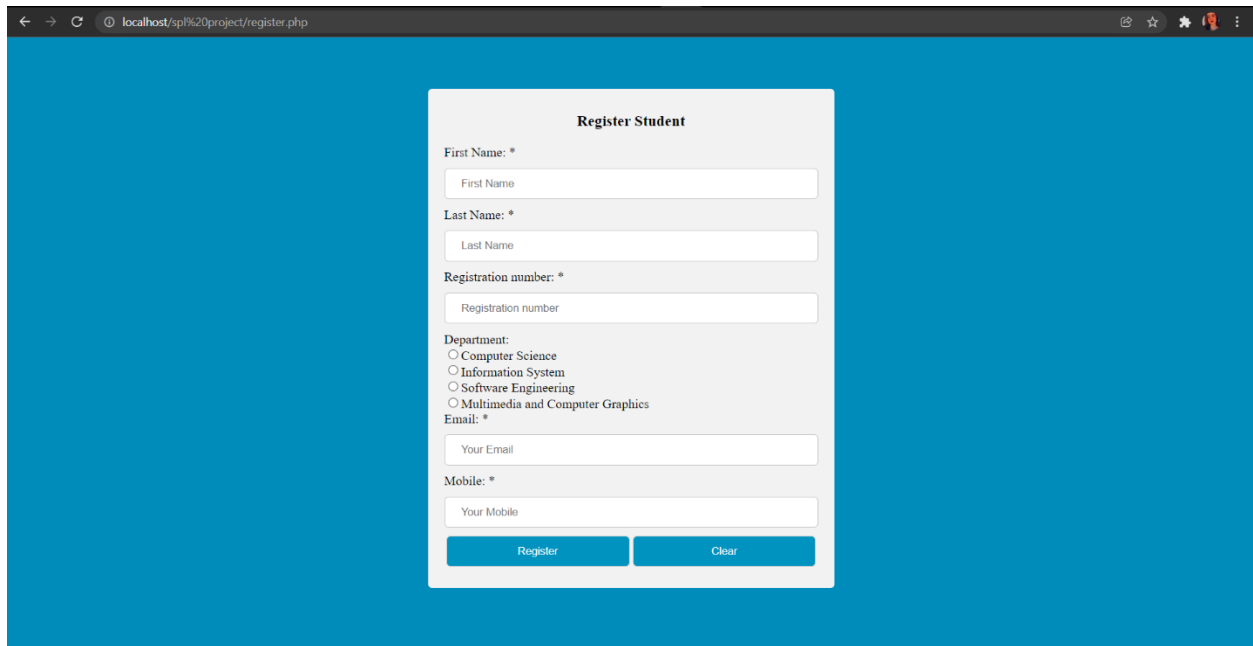
A screenshot of a web browser displaying a login page. The browser's address bar shows 'localhost/spl%20project/login.php'. The page has a solid blue background. In the center, there is a white rectangular box with a light gray border. Inside this box, the title 'Login' is centered at the top. Below the title, there are two labels: 'Email: *' and 'Password: *'. Each label is followed by a text input field. The email field contains the text 'admin1@aast.edu'. The password field contains a series of asterisks '*****'. At the bottom of the box, there are two blue buttons with white text: 'Login' on the left and 'Clear' on the right.

2)Home Page:



A screenshot of a web browser displaying the home page of an administrator. The browser's address bar shows 'localhost/spl%20project/home.php'. The page has a white background. In the top left corner, there is a logo for 'Arab Academy' with the text 'Arab Academy' below it. In the top right corner, there is a search icon, a star icon, and a user profile icon. In the center of the page, the text 'Welcome to Administrator Home Page' is displayed. Below this text, there are six blue buttons with white text, arranged vertically. The buttons are labeled: 'Register Student', 'Upload Student File', 'View Student', 'Update Student', 'Delete Student', and 'Log Out'.

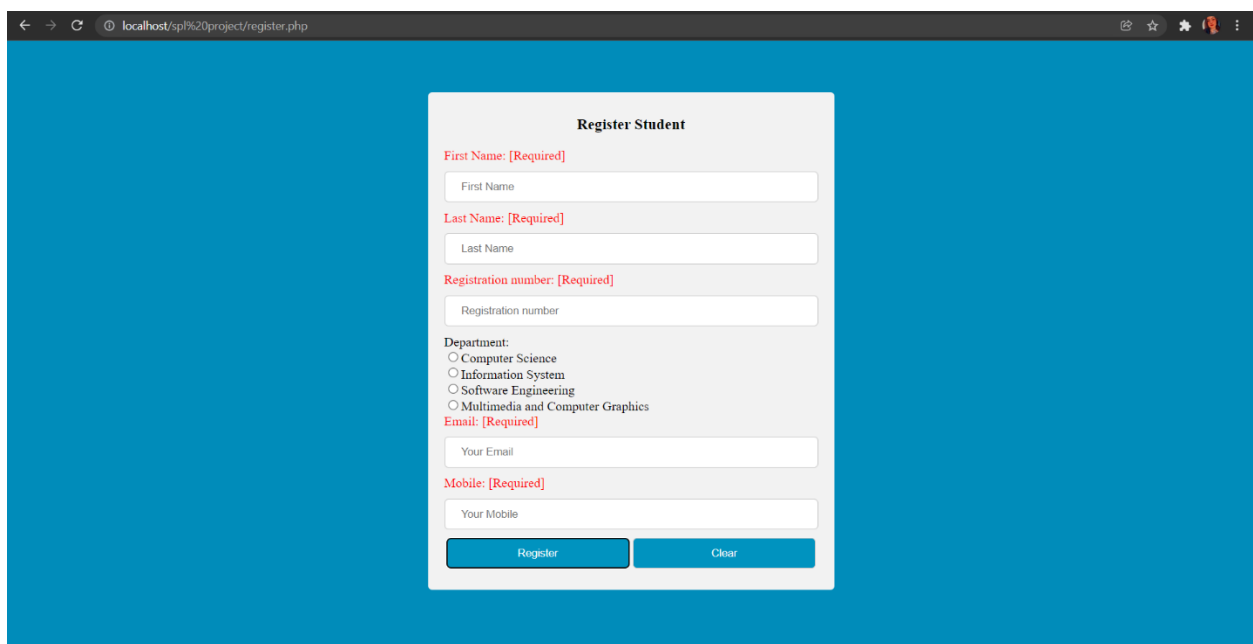
3)Register Page:



A screenshot of a web browser displaying a registration form titled "Register Student". The form is centered on a blue background. It contains the following fields and controls:

- First Name: *** with a text input field.
- Last Name: *** with a text input field.
- Registration number: *** with a text input field.
- Department:** with four radio button options: "Computer Science", "Information System", "Software Engineering", and "Multimedia and Computer Graphics".
- Email: *** with a text input field.
- Mobile: *** with a text input field.
- Two buttons at the bottom: "Register" and "Clear".

Registering Validation:

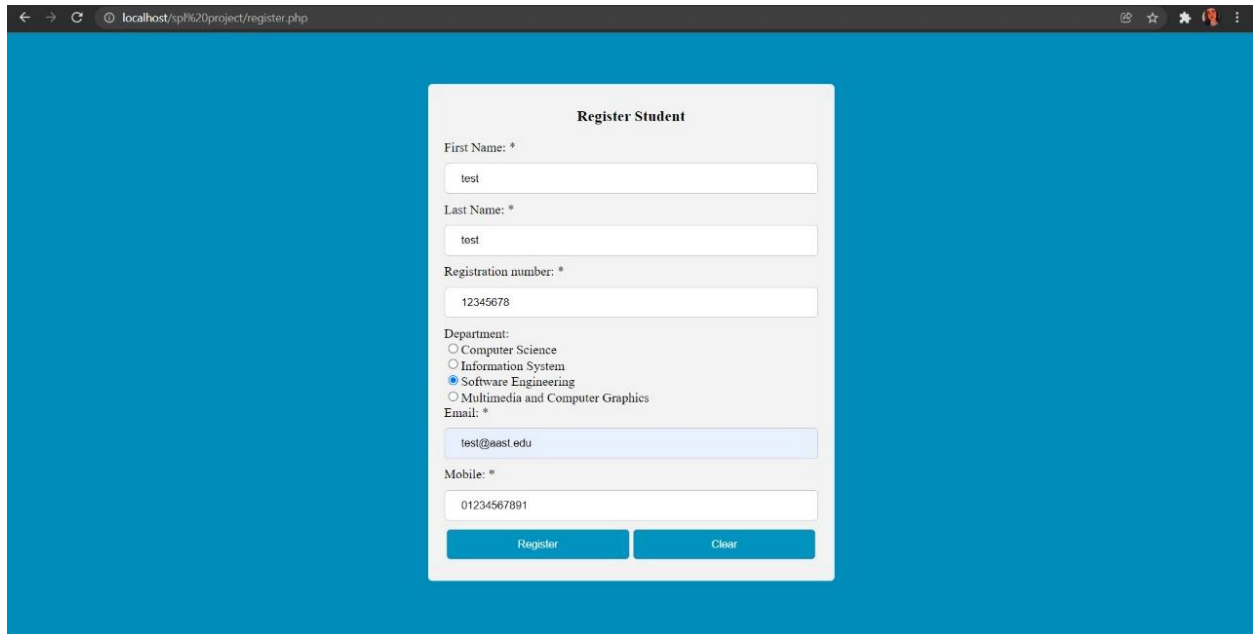


A screenshot of the same "Register Student" form, but now displaying validation messages in red text above each input field:

- First Name: [Required]**
- Last Name: [Required]**
- Registration number: [Required]**
- Email: [Required]**
- Mobile: [Required]**

The "Register" and "Clear" buttons remain at the bottom of the form.

Entering the info to registration form:

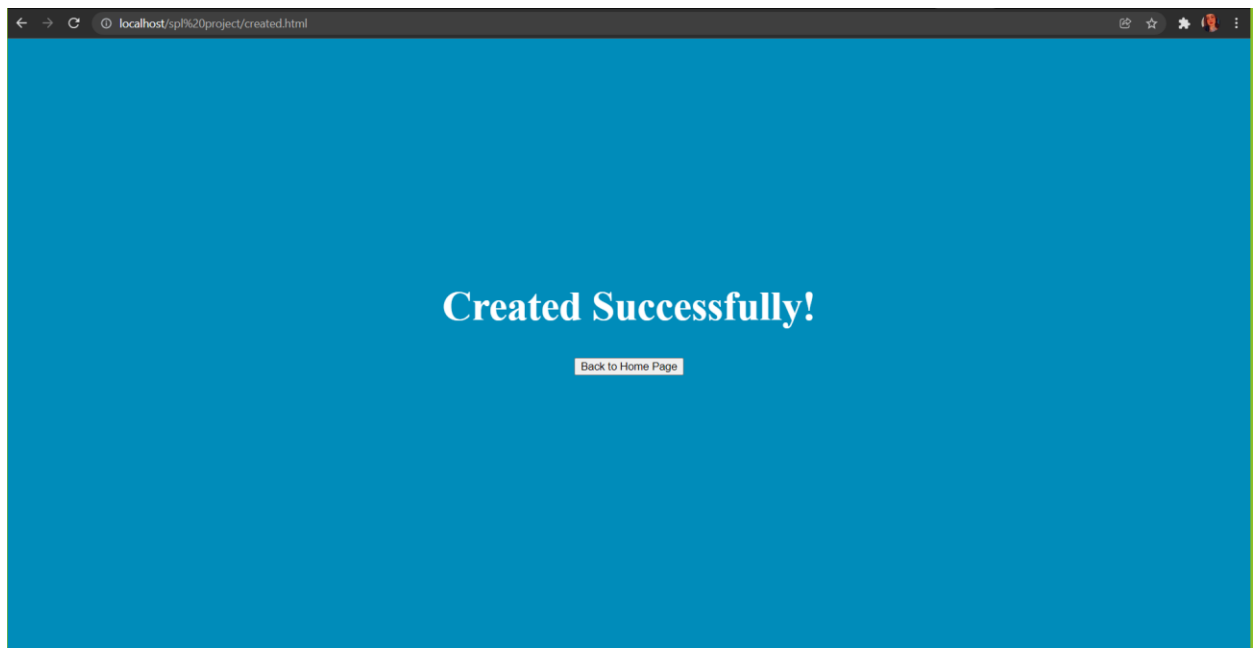


The screenshot shows a web browser window with the address bar displaying 'localhost/sp%20project/register.php'. The main content area has a blue background. In the center, there is a white form titled 'Register Student'. The form contains the following fields and options:

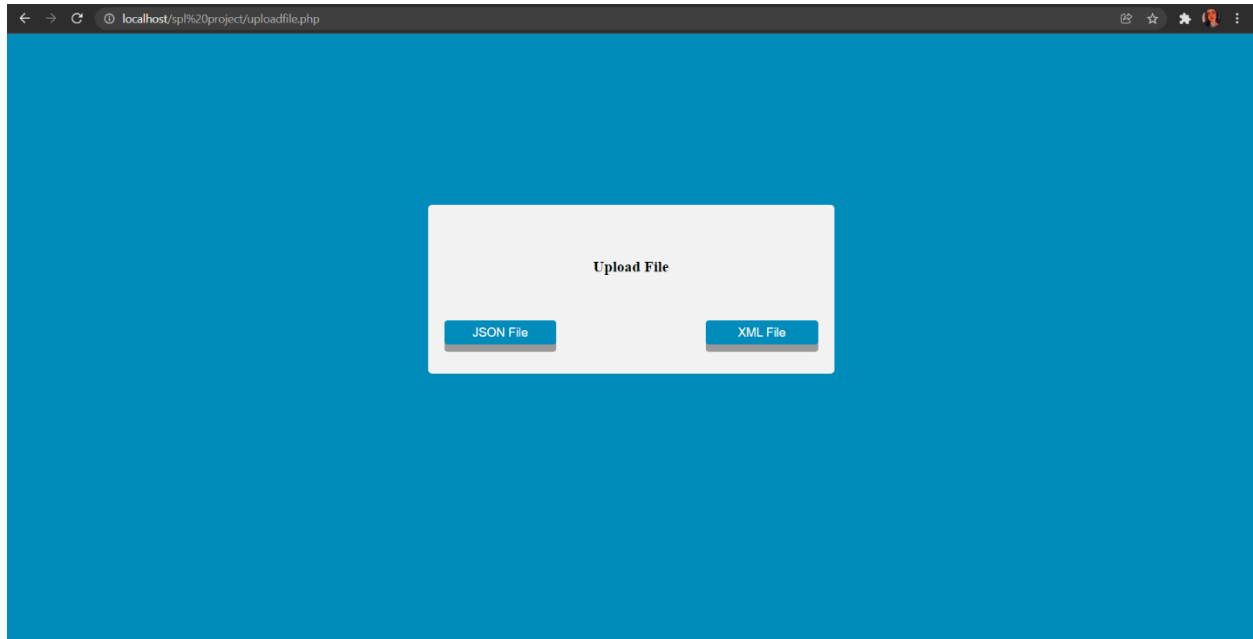
- First Name: * (text input with value 'test')
- Last Name: * (text input with value 'test')
- Registration number: * (text input with value '12345678')
- Department: (radio button options)
 - ☐ Computer Science
 - ☐ Information System
 - ☒ Software Engineering
 - ☐ Multimedia and Computer Graphics
- Email: * (text input with value 'test@aast.edu')
- Mobile: * (text input with value '01234567891')

At the bottom of the form are two buttons: 'Register' and 'Clear'.

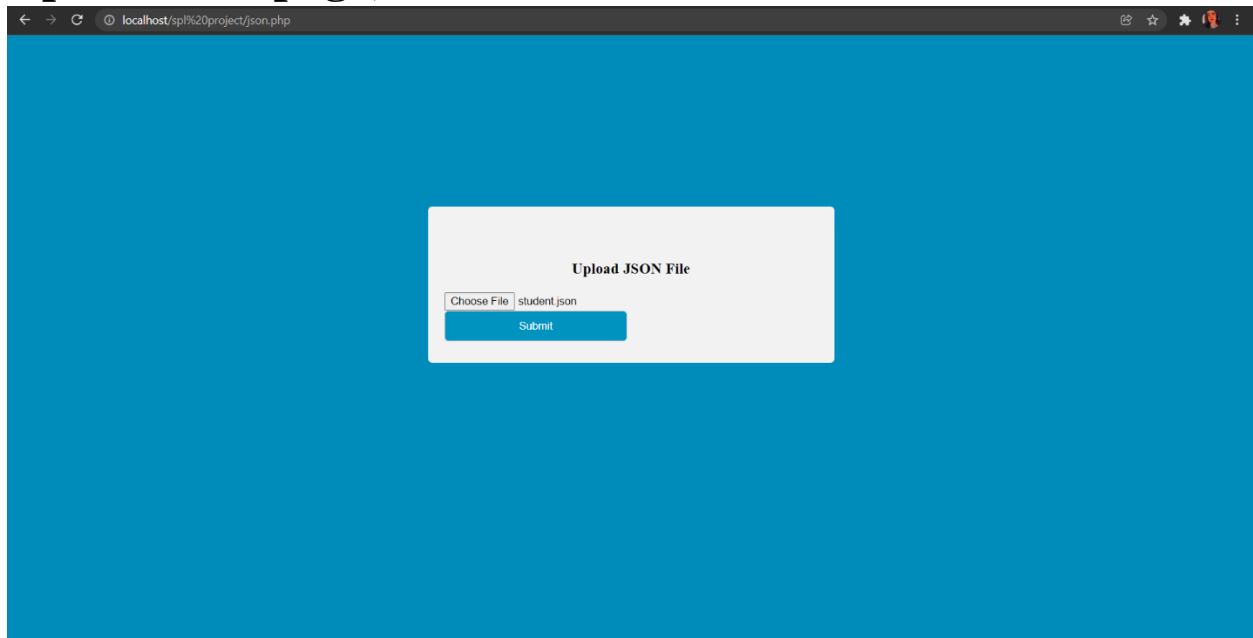
After submitting data into form

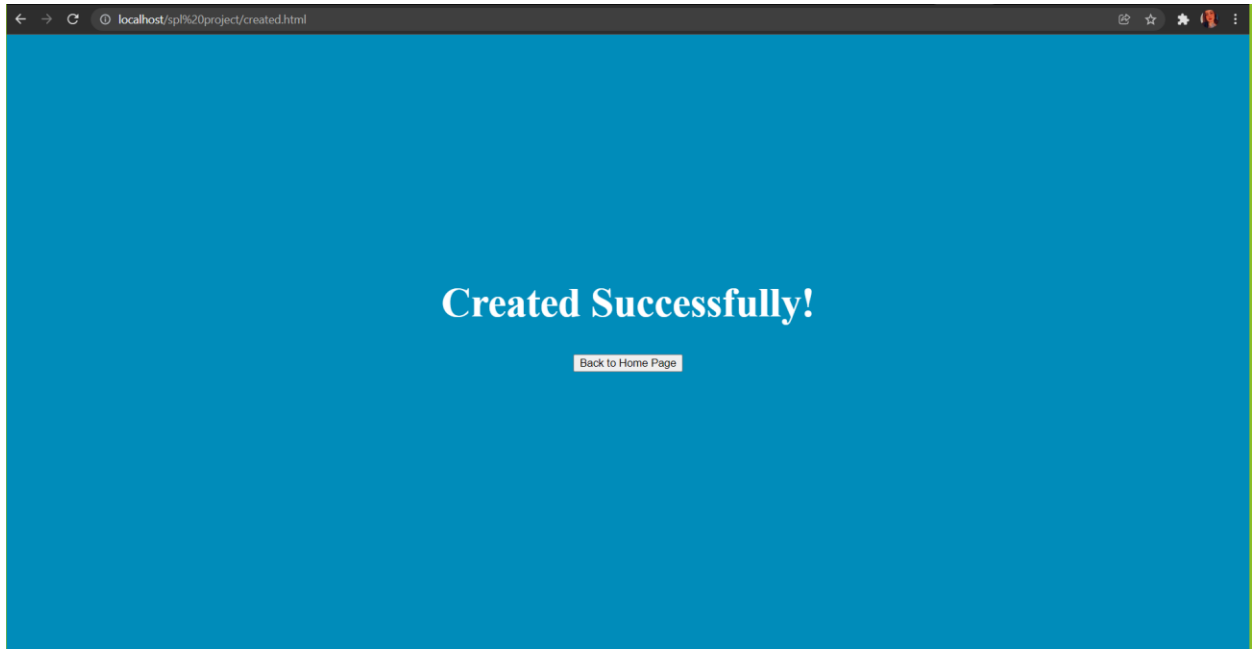


Upload Page:

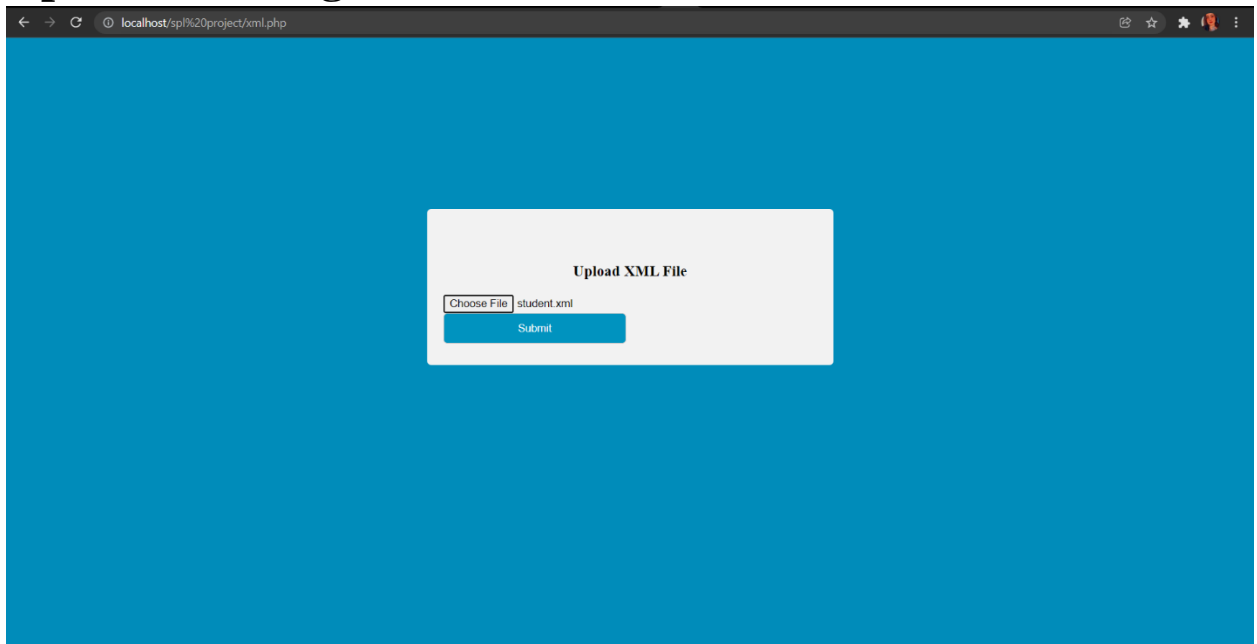


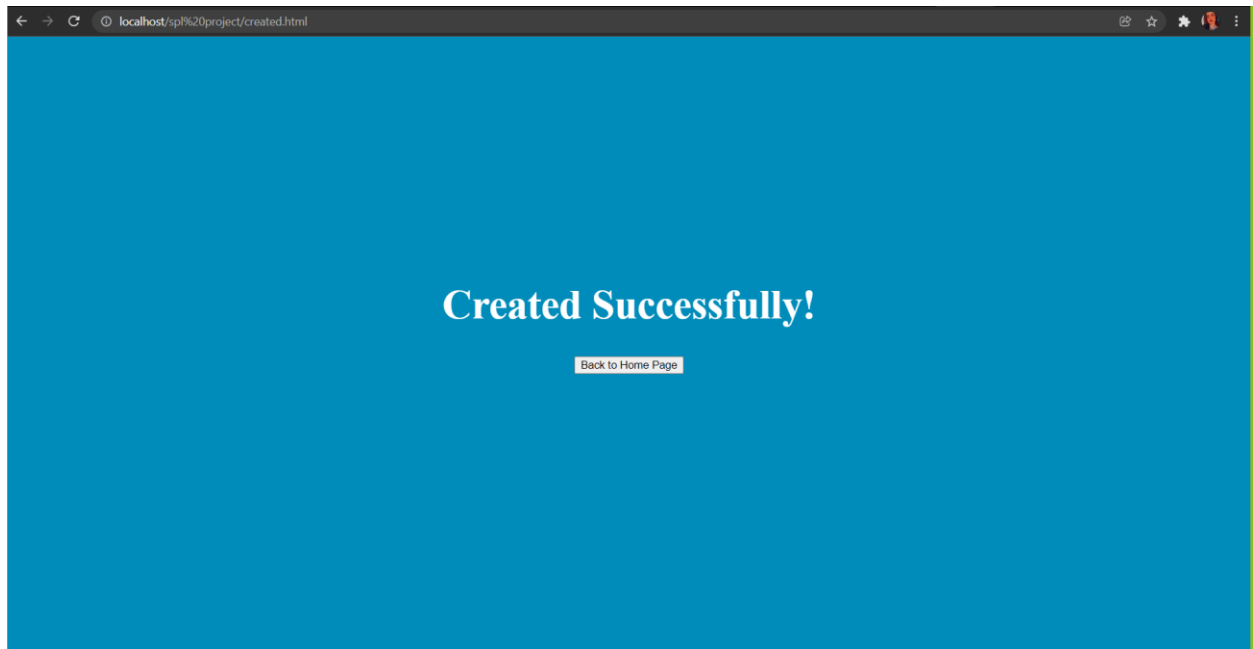
Upload Json page;



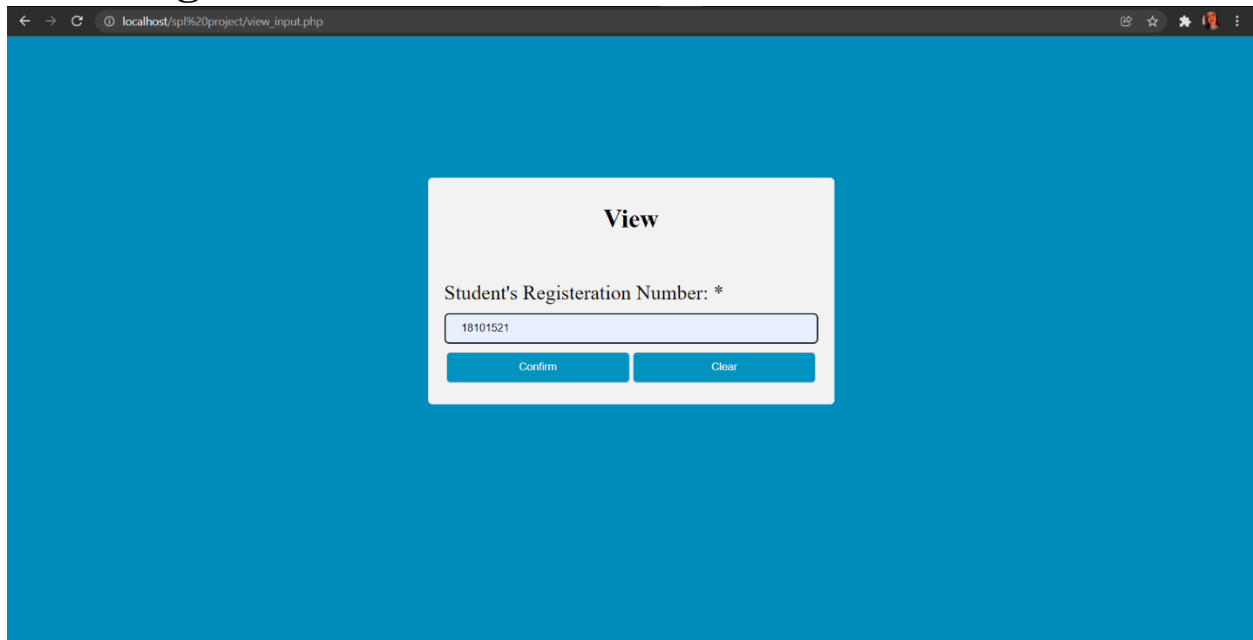


Upload Xml Page






View Page:



localhost/spl%20project/view.php

Student Information



First Name:
Fatma

Last Name:
Mostafa

Department:
Computer Science

Email:
fatma@aat.edu

Mobile:
01234567891

[Back to Home Page](#)

Update Page:

Input id update:

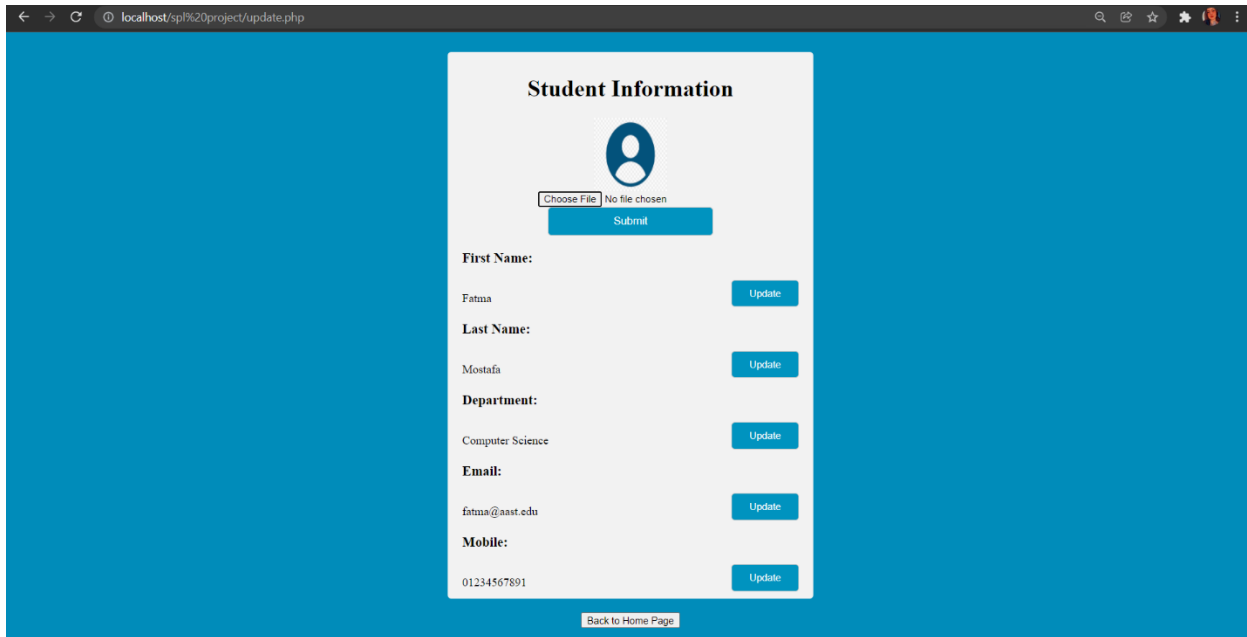
localhost/spl%20project/update_input.php

Update

Student's Registration Number: *

[Confirm](#) [Clear](#)

Before Update:

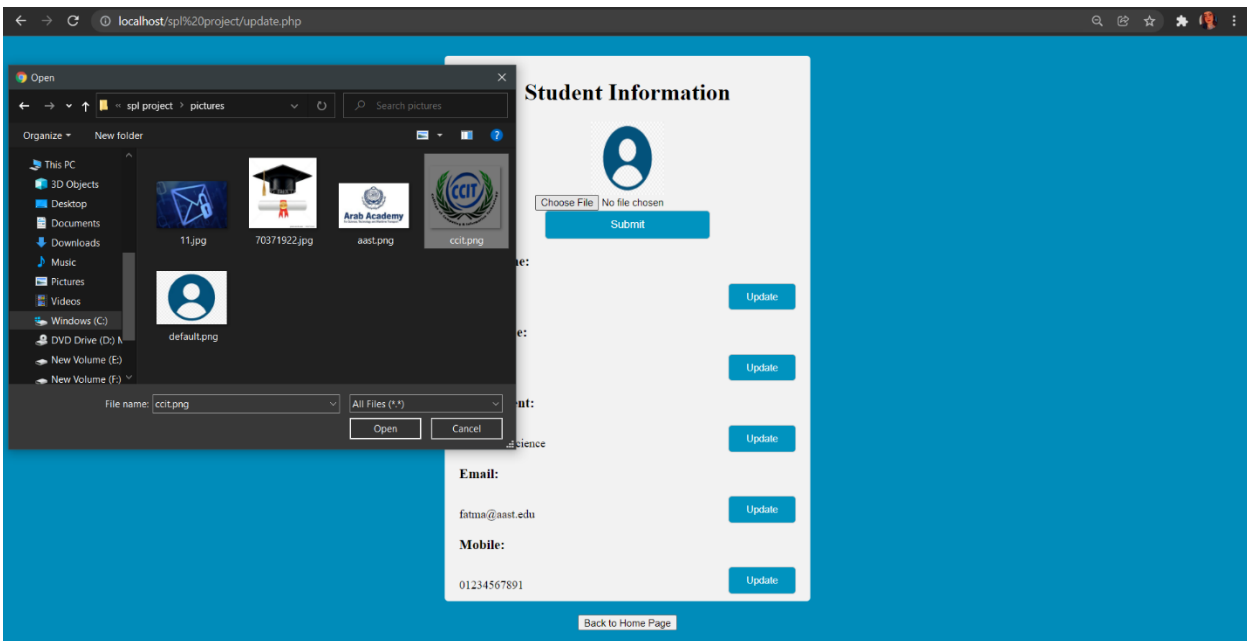


The screenshot shows a web browser window with the URL `localhost/sp%20project/update.php`. The page has a blue background and a white form titled "Student Information". At the top of the form is a circular profile picture placeholder with a "Choose File" button and a "No file chosen" status. Below this is a "Submit" button. The form contains the following fields:

- First Name:** Fatma (with an "Update" button)
- Last Name:** Mostafa (with an "Update" button)
- Department:** Computer Science (with an "Update" button)
- Email:** fatma@aat.edu (with an "Update" button)
- Mobile:** 01234567891 (with an "Update" button)

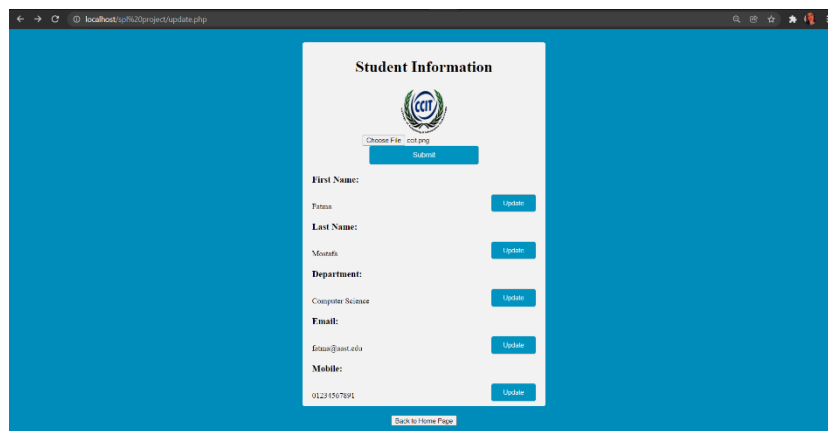
At the bottom of the form is a "Back to Home Page" button.

Update photo



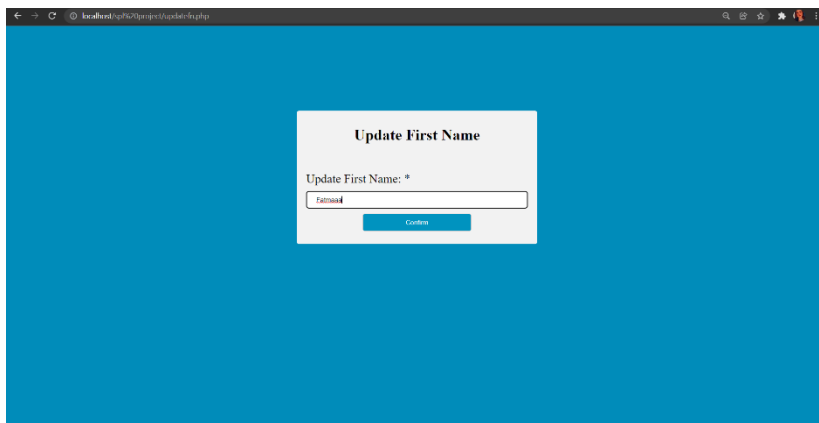
This screenshot shows the same "Student Information" form as before, but with a Windows "Open" file dialog box overlaid on top. The dialog box is open to the `spl project > pictures` directory. It displays several image files: `11.jpg`, `70371922.jpg`, `aat.png`, `ccit.png`, and `default.png`. The `ccit.png` file is selected. The "File name" field at the bottom of the dialog contains `ccit.png`, and the file type is set to "All Files (*.*)". The "Open" button is visible. The background form is partially obscured by the dialog box.

After photo update



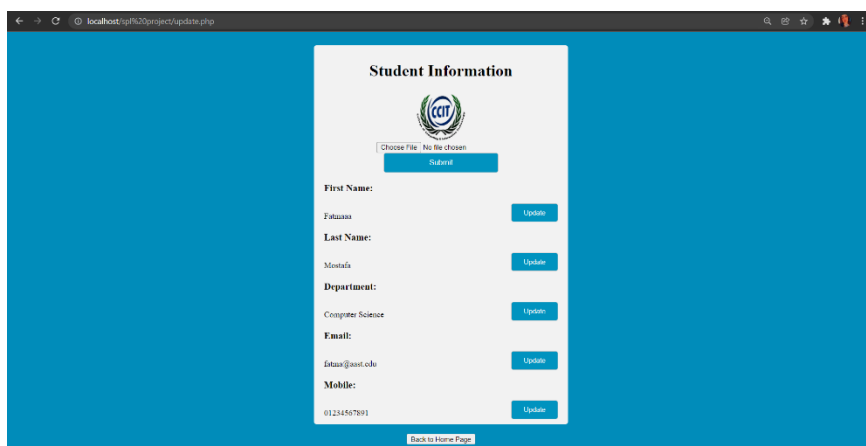
A screenshot of a web browser showing a "Student Information" form. The form is set against a blue background. At the top, there is a logo and a "Choose File" button with "No file chosen" text. Below this is a "Student" button. The form contains several fields with "Update" buttons next to them: "First Name:" (Fatima), "Last Name:" (Mustafa), "Department:" (Computer Science), "Email:" (Fatma@iast.edu), and "Mobile:" (0123456789). A "Back to Home Page" button is at the bottom.

Update first name:



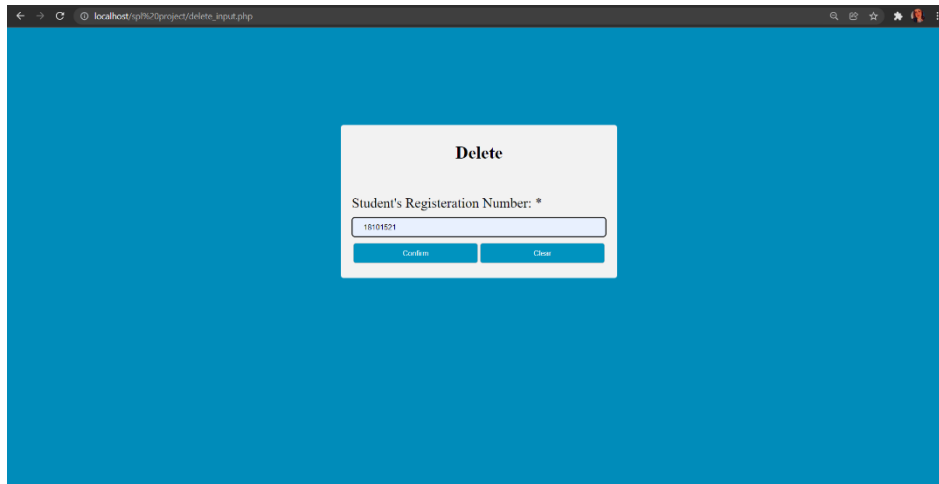
A screenshot of a "Update First Name" dialog box. It has a title "Update First Name" and a label "Update First Name: *". Below the label is a text input field containing "Fatma" and a "Confirm" button.

After Updating first name



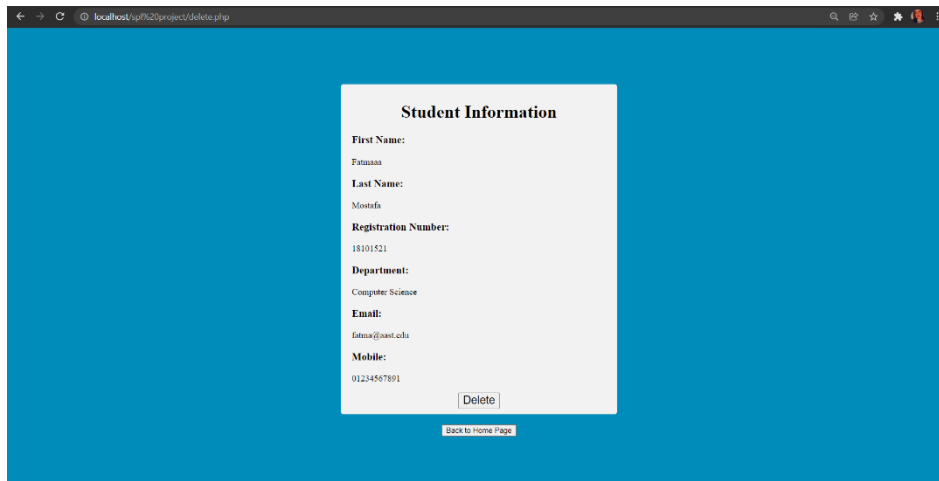
A screenshot of the "Student Information" form after the first name has been updated. The "First Name:" field now displays "Fatma" instead of "Fatima". All other fields and buttons remain the same as in the previous screenshot.

Delete Page:



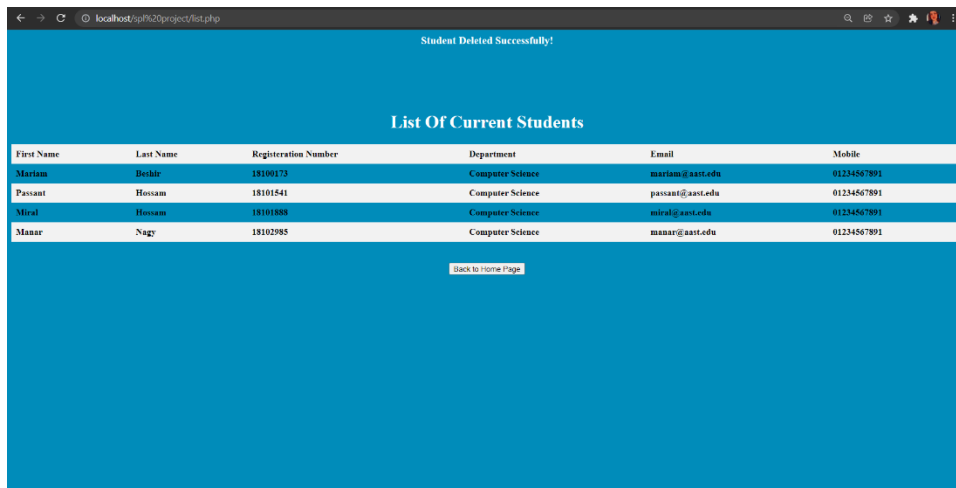
A screenshot of a web browser displaying a "Delete" form. The form is centered on a blue background. It has a title "Delete" and a label "Student's Registration Number: *". Below the label is a text input field containing the value "18101521". At the bottom of the form are two buttons: "Confirm" and "Clear".

1)input id delete



A screenshot of a web browser displaying a "Student Information" form. The form is centered on a blue background. It has a title "Student Information" and displays the following details: First Name: Fatmasa, Last Name: Mostafa, Registration Number: 18101521, Department: Computer Science, Email: fatmasa@aast.edu, and Mobile: 01234567891. At the bottom of the form is a "Delete" button. Below the form is a "Back to Home Page" button.

2)view info before delete



A screenshot of a web browser displaying a "List Of Current Students" page. The page has a title "Student Deleted Successfully?" and a subtitle "List Of Current Students". Below the subtitle is a table with 6 columns: First Name, Last Name, Registration Number, Department, Email, and Mobile. The table contains 5 rows of student data. At the bottom of the page is a "Back to Home Page" button.

First Name	Last Name	Registration Number	Department	Email	Mobile
Mariam	Bechir	18100173	Computer Science	mariam@aast.edu	01234567891
Passant	Hossam	18101541	Computer Science	passant@aast.edu	01234567891
Miral	Hossam	18101808	Computer Science	miral@aast.edu	01234567891
Manar	Nagy	18102985	Computer Science	manar@aast.edu	01234567891

3)show list of students after deletion

Home.php

- It's considered as the second page in the web application and can only be accessed if the admin is logged in from the first page same as the rest of the pages.
- It views the main menu where admin could make change.

```
41 <h1>Welcome to Administrator Home Page</h1>
42 <br>
43 <button onclick="location.href='register.php'">Register Student</button>
44 <br>
45 <button onclick="location.href='uploadfile.php'">Upload Student File</button>
46 <br>
47 <button onclick="location.href='view_input.php'">View Student</button>
48 <br>
49 <button onclick="location.href='update_input.php'">Update Student</button>
50 <br>
51 <button onclick="location.href='delete_input.php'">Delete Student</button>
52 <br>
53 <button onclick="location.href='logout.php'">Log Out</button>
54 <br>
```

- In case of “Register Student” it redirects to the action file “register.php”.
- In case of “Upload Student File” it redirects to the action file “uploadfile.php”.
- In case of “View Student” it redirects to the action file “view_input.php”.
- In case of “Update Student” it redirects to the action file “update_input.php”.
- In case of “Delete Student” it redirects to the action file “delete_input.php”.
- In case of “Log Out” it redirects to the action file “logout.php”.

**(View.php- Update.php -Updatefn.php - Updateln.php -
Updatedep.php - Updateemail.php - Updatemobile.php -**

Xml.php - json.php – uploadfile.php – home.php – logout.php – resigter.php)

They all include this session and if condition to make sure that moves the user to login page if he's not logged in

```
updatefn.php
1 <?php
2     session_start();
3     if( !isset($_SESSION["loggedUser"])){
4         header('Location: login.php');
5     }
6     ?>
```

Config.php

This file should be included in all php files.

Line three connects with the server

(localhost) and using this connection we select the database and start connection with it as well.

```
config.php
1 <?php
2
3     $con = mysqli_connect("localhost","root","") or die("Error: Can't Connect to Server");
4     $db = mysqli_select_db($con,"manage") or die("Error: Can't Connect to Database");
5
6     ?>
```

Uploadfile.php

- It displays two options rather you want to upload a JSON file or an XML

```
43 <h3 align="center">Upload File</h3>
44 <br><br>
45 <button style="float:left;" onclick="location.href='json.php'">JSON File</button>
46 <button style="float:right;" onclick="location.href='xml.php'">XML File</button>
47 <br><br><br>
```

file.

- In case of JSON file, it redirects you to “json.php”
- In case of XML file, it redirects you to “xml.php”.

- **Json.php**

- It allows you to browse the JSON file from your computer.
- After you click submit the injected php code will read the file from the JSON file handler “file.php”.

```
43 <h3 align="center">Upload JSON File</h3>
44 <form method="post" name="regForm" >
45     <input type="file" name="file">
46     <input type="submit" name="submit" >
47 </form>
48 <?php
49     if (isset($_POST['submit'])) {
50         header("location: file.php");
51     }
52 >
```

File.php

- This is a handler file for json files.

```
1 <?php
2
3 $file = "student.json";
4 include "config.php";
5 $jsondata = file_get_contents($file);
6 $json = json_decode($jsondata,true);
7
8 foreach($json['student'] as $student){
9     $firstName = $student['firstName'];
10    $lastName = $student['lastName'];
11    $regNo = $student['regNo'];
12    $dep = $student['department'];
13    $email = $student['email'];
14    $mobile = $student['mobile'];
15    // $img = $student['image'];
16    // $q = mysqli_query($con,"UPDATE students SET image='".$img."' WHERE regNo='".$regNo."'");
17    $insertStudent = "INSERT INTO students(firstName,lastName,regNo,department,email,mobile)
18    values ('$firstName','$lastName','$regNo','$dep','$email','$mobile')";
19    $result = mysqli_query($con,$insertStudent);
20    if($result){
21        header("location: created.html");
22    }
23    else{
24        echo "Error: ".mysqli_error($con);
25    }
26 }
27 ?>
```

- The handler gets the raw data inside the file using the function **file_get_contents()**.
- Then it decodes the JSON data into a PHP object using the function **json_decode()**.
- Using foreach to loop through every student index in the JSON file and inject each attribute from file into its the database field.
- It checks if the query is true (The information is inserted into the database) it redirects you to “created.html” which is an html page just printing “Created Successfully!” and if the query didn’t return true it prints the error that happened to recheck what’s the problem.

Xml.php

- It allows you to browse the XML file from your computer.
- After you click submit the injected php code will read the file from the XML file handler “load_xml.php”.

```
43      <h3 align="center">Upload XML File</h3>
44      <form method="post" name="regForm" >
45          <input type="file" name="file">
46          <input type="submit" name="submit" >
47      </form>
48      <?php
49          if (isset($_POST['submit'])) {
50              header("location: load_xml.php");
51          }
52      ?>
```

Load_xml.php

- This is a handler file for xml files.

```
1  <?php
2
3  $file = "student.xml";
4  $xmlfile = simplexml_load_file($file);
5  include "config.php";
6  foreach ($xmlfile->children() as $row) {
7      $firstName = $row->fname;
8      $lastName = $row->lname;
9      $regNo = $row->regNo;
10     $dep = $row->dep;
11     $email = $row->email;
12     $mobile = $row->mob;
13     $insertStudent = "INSERT INTO students(firstName,lastName,regNo,department,email,mobile)
14     values ('$firstName','$lastName','$regNo','$dep','$email','$mobile')";
15     $result = mysqli_query($con,$insertStudent);
16     if($result){
17         header("location: created.html");
18     }
19     else{
20         echo "Error: ".mysqli_error($con);
21     }
22 }
23
24 ?>
```

- The handler interprets the XML file into an object using the function **simplexml_load_file()**.
- Using foreach to loop through every student index in the XML file and inject each attribute from file into its the database field.
- It checks if the query is true (The information is inserted into the database) it redirects you to “created.html” which is an html page just printing “Created Successfully!” and if the query didn’t return true it prints the error that happened to recheck what’s the problem.

Login_Handler.php:

```
2
3
4 $email = $_POST["email"];
5 $password = $_POST["password"];
6
```

Post function collects the data submitted by user in the html form in login page.

```
7
8 include "config.php";
9
10 $login = "SELECT email,password FROM admin WHERE email='$email' and password='$password'";
11
12 $result = mysqli_query($con,$login);
13 $count = mysqli_num_rows($result);
```

mysqli_query specifies the sql connection to be used and performs the query in \$login and mysqli_num_rows functions return the number of rows that was resulted by the query (which is either 1 if this user's information was correct or 0 if this user's information was incorrect).

```
14
15 if($count == 1)
16 {
17     session_start();
18     $_SESSION["loggedUser"] = $email;
19     header('Location: home.php');
20 }
21 else{
22     echo "Invalid Registration number and Pin Code";
23 }
```

If count is one (which means that the user's information matched/was found in the database) then a session is started and the user is redirected to the home page else invalid registration number or pin code message is shown to the user.

Register_Handler.php:

```
2
3 $firstName = $_POST["firstName"];
4 $lastName = $_POST["lastName"];
5 $regNo = $_POST["regNo"];
6 $department = $_POST["department"];
7 $email = $_POST["email"];
8 $mobile = $_POST["mobile"];
9
```

Post function collects the data submitted by user in the html form in registration page.

```
10
11 include "config.php";
12
13
14 $insertUser = "INSERT INTO students (firstName,lastName,regNo,department,email,mobile)
15 values ('$firstName','$lastName','$regNo','$department','$email','$mobile')";
16
17 $result = mysqli_query($con,$insertUser);
```

mysqli_query specifies the sql connection to be used and performs the query in \$insertUser.

```
18 if($result){
19     header("location: created.html");
20 }
21 else{
22     echo "Error: ".mysqli_error($con);
23 }
24 ?>
25
```

if \$result is true (the sql connection was successful and the query was performed) then the user will be directed to created page else returns error description.

```

view.php
1  <?php
2      session_start();
3      if( !isset($_SESSION["loggedUser"])){
4          header('Location: login.php');
5      }
6  ?>
7

```

View.php:

Moves the user to login page if the user isn't logged in

```

view.php
20  <?php
21      include "config.php";
22
23      $regNo = $_SESSION["loggedUser"];
24      $viewStudent = "SELECT * FROM students WHERE regNo = '$regNo'";
25
26      $result = mysqli_query($con,$viewStudent);
27      if(!$result){
28          echo "Error: ".mysqli_error($con);
29      }
30
31      $row = mysqli_fetch_array($result);
32      $firstName = $row["firstName"];
33      $lastName = $row["lastName"];
34      $reg = $row["regNo"];
35      $department = $row["department"];
36      $email = $row["email"];
37      $mobile = $row["mobile"];
38      $img = $row["image"];
39  ?>

```

selects the user info from database using registration number

then in the if condition checks if result is empty, it prints "error"

if not, it prints the student info

if condition checks if the image received from database is empty it prints the default image

else it prints the image that is available in database

view_handler.php

first the registration number received from the form is saved into \$regNo

```

view_handler.php
1  <?php
2
3      $regNo = $_POST["regNo"];
4
5
6      include "config.php";
7
8      $login = "SELECT * FROM students WHERE regNo='$regNo'";
9
10     $result = mysqli_query($con,$login);
11     $count = mysqli_num_rows($result);
12
13     if($count == 1)
14     {
15         session_start();
16         $_SESSION["loggedUser"] = $regNo;
17         header('Location: view.php');
18     }
19     else{
20         echo "<h1 style='color:red; text-align:center;'>Invalid Registration</h1>";
21         echo "<br><br><button onclick='location.href='view_input.php'\"; style='background-color: red; display: block; color:white; width: 100%;padding: 30px 30px;font-size: 20px; align:center;\">Retry</button>";
22     }
23
24
25  ?>

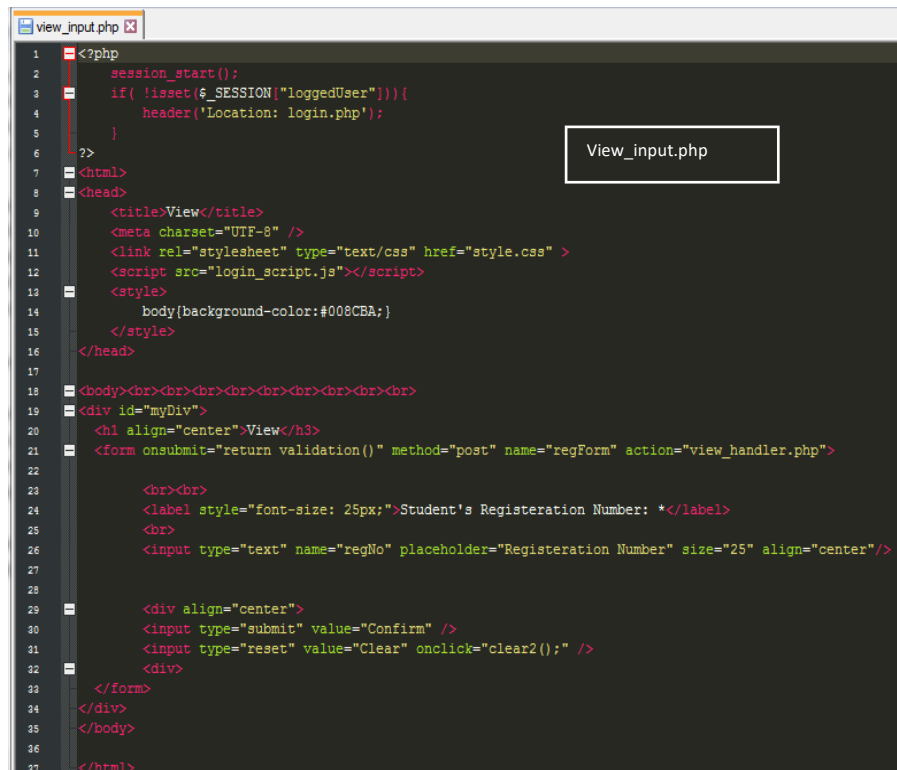
```

then we select the student with the same \$regNo from database

if there is one student selected(\$count ==1) the user will be logged in and can view the contents from view.php

View_input.php

After logging in, a form is created using html that takes the desired student's registration number to view his/her info. If the input is valid then the form submits the registration number and redirects the admin to “view_handler.php” file.



```
1 <?php
2     session_start();
3     if( !isset($_SESSION["loggedUser"])){
4         header('Location: login.php');
5     }
6     ?>
7 <html>
8 <head>
9     <title>View</title>
10    <meta charset="UTF-8" />
11    <link rel="stylesheet" type="text/css" href="style.css" >
12    <script src="login_script.js"></script>
13    <style>
14        body{background-color:#008CBA;}
15    </style>
16 </head>
17 <body><br><br><br><br><br><br><br><br>
18 <div id="myDiv">
19     <h1 align="center">View</h3>
20     <form onsubmit="return validation()" method="post" name="regForm" action="view_handler.php">
21         <br><br>
22         <label style="font-size: 25px;">Student's Registration Number: *</label>
23         <br>
24         <input type="text" name="regNo" placeholder="Registration Number" size="25" align="center"/>
25         <br>
26         <div align="center">
27             <input type="submit" value="Confirm" />
28             <input type="reset" value="Clear" onclick="clear2();" />
29         </div>
30     </form>
31 </div>
32 </body>
33 </html>
```

Update.php

Moves the user to login page if the user isn't logged in

```
<?php
    if (isset($_POST['submit'])) {
        header("location: load_xml.php");
    }
?>
```

Receives the updated values from the update handler pages to be updated in database

```
update.php
1 <?php
2 session_start();
3 if( !isset($_SESSION["loggedUser"])){
4     header('Location: login.php');
5 }
6 ?>
7
```

The if condition the submit button is clicked and updates the students profile picture

```
update.php
19
20 <?php
21 include "config.php";
22 $regNo = $_SESSION["loggedUser"];
23 $viewStudent = "SELECT * FROM students WHERE regNo = '$regNo'";
24
25 $result = mysqli_query($con,$viewStudent);
26 if(!$result){
27     echo "Error: ".mysqli_error($con);
28 }
29
30 $row = mysqli_fetch_array($result);
31 $firstName = $row["firstName"];
32 $lastName = $row["lastName"];
33 $reg = $row["regNo"];
34 $department = $row["department"];
35 $email = $row["email"];
36 $mobile = $row["mobile"];
37 $img = $row["image"];
38 if (isset($_POST['submit'])) {
39     move_uploaded_file($_FILES['file']['tmp_name'], "pictures/".$_FILES['file']['name']);
40     $q = mysqli_query($con, "UPDATE students SET image='".$_FILES['file']['name']."' WHERE regNo='".$regNo."'");
41 }
42 ?>
```

Checks the available photo in database if its empty it will preview the default photo else it will preview the photo in database

```
update.php
48 <?php
49 if ($img=="") {
50     echo "<img width='100' height='100' src='pictures/default.png' alt='Default picture pic'>";
51 }
52 else{
53     echo "<img width='100' height='100' src='pictures/".$_img."' alt=' profile picture'>";
54 }
55 echo "<br>";
56
57 ?>
```

Update_handler.php and Update_input.php

```
1 <?php
2 session_start();
3 if( isset($_SESSION["loggedUser"])){
4     header('Location: login.php');
5 }
6 ?>
7 <html>
8 <head>
9 <title>Update</title>
10 <meta charset="UTF-8" />
11 <link rel="stylesheet" type="text/css" href="style.css" />
12 <script src="login_script.js"></script>
13 <style>
14     body{background-color:#008CBA;}
15 </style>
16 </head>
17 <body><br><br><br><br><br><br><br><br><br><br>
18 <div id="myDiv">
19     <h1 align="center">Update</h1>
20     <form onsubmit="return validation()" method="post" name="regForm" action="update_handler.php">
21         <br><br>
22         <label style="font-size: 26px;">Student's Registration Number: *</label>
23         <br>
24         <input type="text" name="regNo" placeholder="Registration Number" size="25" align="center"/>
25
26         <div align="center">
27             <input type="submit" value="Confirm" />
28             <input type="reset" value="Clear" onclick="clear();" />
29         </div>
30     </form>
31 </div>
32 </body>
33 </html>
```

After logging in, a form is created using html that takes the desired student's registration number to update his/her info. If the input is valid then the form submits the registration number and redirects the admin to “update_handler.php” file. In this file a connection is set with the database to select all students that has the same registration number to insure that this student exists if there wasn't any errors then the admin is redirected to “update.php” file if not then an error message is displayed.

```
1 <?php
2 $regNo = $_POST["regNo"];
3
4 include "config.php";
5
6 $login = "SELECT * FROM students WHERE regNo = '$regNo'";
7
8
9 $result = mysqli_query($con,$login);
10 $count = mysqli_num_rows($result);
11
12 if($count == 1)
13 {
14     session_start();
15     $_SESSION["loggedUser"] = $regNo;
16     header('Location: update.php');
17 }
18 else{
19     echo "<h1 style='color:red; text-align:center;'>Invalid Registration</h1>";
20     echo "<br><br><button onclick='location.href='update_input.php''; style='background-color: red; display: block; color:white; width: 100%;padding: 30px 30px;font-size: 20px; align:center;'>Retry</button>";
21 }
22
23 ?>
```

We do have an update handler for each student attributes (firstname, lastname, mobile, email, department) which are: **updatefn_handler.php ,
updatefn_handler.php, updatemob_handler.php,
updateemail_handler.php ,updatedep_handler.php**

Their Description:

- The first if condition checks if the user is logged in
- The value (firstname, lastname, mobile, email, department) is saved to a variable
- Then it uses a query to update the database
- The last if condition checks if the value is updated in database, if it is updated, we will be transferred to update.php page to print updated version of the data
- Else it will print “invalid registration”

updatefn_handler.php	updateemail_handler.php	updatefn_handler.php	updatemob_handler.php
<pre>1 <?php 2 session_start(); 3 if(isset(\$_SESSION["loggedUser"])){ 4 \$regNo= \$_SESSION["loggedUser"]; 5 } 6 7 \$fn = \$_POST["fn"]; 8 9 include "config.php"; 10 11 \$fnn = "UPDATE students SET firstName='\$fn' WHERE regNo='\$regNo' "; 12 \$result = mysqli_query(\$con,\$fnn); 13 14 if(\$result) 15 { 16 header('Location: update.php'); 17 } 18 else{ 19 echo "<h1 style='color:red; text-align:center;'>Invalid Registration</h1>"; 20 echo "

<button onclick=\"location.href='update.php'\"; style='background-color: red; 21 display: block; color:white; 22 width: 100%;padding: 30px 30px;font-size: 20px; align:center;'>Retry</button>"; 23 24 } 25 ?></pre>			

```

1  <?php
2  session_start();
3  if( isset($_SESSION["loggedUser"])){
4      $regNo= $_SESSION["loggedUser"];
5  }
6
7  $mobile = $_POST["mobile"];
8
9  include "config.php";
10
11 $mobilee = "UPDATE students SET mobile='$mobile' WHERE regNo='$regNo' ";
12 $result = mysqli_query($con,$mobilee);
13
14 if($result)
15 {
16     header('Location: update.php');
17 }
18 else{
19     echo "<h1 style='color:red; text-align:center;'>Invalid Registration</h1>";
20     echo"<br><br><button onclick=\"location.href='update.php'\"; style='background-color: red;
21         display: block; color:white;
22         width: 100%;padding: 30px 30px;font-size: 20px; align:center;\">Retry</button>";
23 }
24 }
25 ?>
26

```

```

1  {?php
2  session_start();
3  if( isset($_SESSION["loggedUser"])){
4      $regNo= $_SESSION["loggedUser"];
5  }
6
7  $ln = $_POST["ln"];
8
9  include "config.php";
10
11 $lnn = "UPDATE students SET lastName='$ln' WHERE regNo='$regNo' ";
12 $result = mysqli_query($con,$lnn);
13
14 if($result)
15 {
16     header('Location: update.php');
17 }
18 else{
19     echo "<h1 style='color:red; text-align:center;'>Invalid Registration</h1>";
20     echo"<br><br><button onclick=\"location.href='update.php'\"; style='background-color: red;
21         display: block; color:white;
22         width: 100%;padding: 30px 30px;font-size: 20px; align:center;\">Retry</button>";
23 }
24 }
25 ?>

```

```

1  <?php
2  session_start();
3  if( isset($_SESSION["loggedUser"])){
4      $regNo= $_SESSION["loggedUser"];
5  }
6
7  $email = $_POST["email"];
8
9  include "config.php";
10
11 $emaill = "UPDATE students SET email='$email' WHERE regNo='$regNo' ";
12 $result = mysqli_query($con,$emaill);
13
14 if($result)
15 {
16     header('Location: update.php');
17 }
18 else{
19     echo "<h1 style='color:red; text-align:center;'>Invalid Registration</h1>";
20     echo"<br><br><button onclick=\"location.href='update.php'\"; style='background-color: red;
21         display: block; color:white;
22         width: 100%;padding: 30px 30px;font-size: 20px; align:center;\">Retry</button>";
23 }
24 }
25 ?>

```

```

1  <?php
2  session_start();
3  if( isset($_SESSION["loggedUser"])){
4      $regNo= $_SESSION["loggedUser"];
5  }
6
7  $dep = $_POST["department"];
8
9  include "config.php";
10
11 $depp = "UPDATE students SET department='$dep' WHERE regNo='$regNo' ";
12 $result = mysqli_query($con,$depp);
13
14 if($result)
15 {
16     header('Location: update.php');
17 }
18 else{
19     echo "<h1 style='color:red; text-align:center;'>Invalid Registration</h1>";
20     echo"<br><br><button onclick=\"location.href='update.php'\"; style='background-color: red;
21         display: block; color:white;
22         width: 100%;padding: 30px 30px;font-size: 20px; align:center;\">Retry</button>";
23 }
24 }
25 ?>

```


Delete:

Firstly, the admin should enter the registration number of the student to be deleted in “delete_input.php” file. Next this reg. number is sent to “delete_handler.php” file and a connection is set with the database to extract all the info of the student if the row was found without any errors then a session starts and sends the registration number of the student to “delete.php” if there is an error then we print an error message. In “delete.php” file we create a connection as well with the database to extract the info of student and view this info. A delete button is added and once we click that button we are redirected to “list.php” file which deletes the student and lists all the students in database along with their info in a table form.

```

1 <?php
2 session_start();
3 if( isset($_SESSION["loggedUser"])){
4     header("Location: login.php");
5 }
6 ?>
7 <html>
8 <head>
9 <title>Delete</title>
10 <link rel="stylesheet" type="text/css" href="style.css" >
11 <meta charset="UTF-8" />
12 <script src="login_script.js"></script>
13 </head>
14 <body(backgroundColor:#008CBA)>
15 </body>
16 </html>
17
18 <body><div><div><div><div><div><div><div><div>
19 <div id="myDiv">
20 <h1 align="center">Delete</h3>
21 <form onSubmit="return validation()" method="post" name="regForm" action="delete_handler.php">
22 <div><div>
23 <label style="font-size: 28px;">Student's Registration Number: </div><div><div>
24 <input type="text" name="regNo" placeholder="Registration Number" size="25" align="center"/>
25 </div>
26 <div align="center">
27 <input type="submit" value="Confirm" />
28 <input type="reset" value="Clear" onclick="clear2();" />
29 </div>
30 </form>
31
32 delete_handler.php < delete.php < list.php < delete_regd.php <
33
34 <?php
35 session_start();
36 if( isset($_SESSION["loggedUser"])){
37     header("Location: login.php");
38 }
39 ?>
40 <html>
41 <head>
42 <title>Student Information</title>
43 <link rel="stylesheet" type="text/css" href="style.css" >
44 <meta charset="UTF-8" />
45 <body(backgroundColor:#008CBA)>
46 </body>
47
48 <?php
49 include "config.php";
50 $regNo = $_SESSION["loggedUser"];
51 $viewStudent = "SELECT * FROM students WHERE regNo = '$regNo'";
52
53 $result = mysqli_query($con,$viewStudent);
54 if(!$result){
55     echo "Error: ".mysqli_error($con);
56 }
57
58 $row = mysqli_fetch_array($result);
59 $firstName = $row["firstName"];
60 $lastName = $row["lastName"];
61 $reg = $row["regNo"];
62 $department = $row["department"];
63 $email = $row["email"];
64 $mobile = $row["mobile"];
65
66 ?>
67 <div><div><div><div><div><div><div>
68 <div id="myDiv">
69 <h1 align="center">Student Information</h1>
70 <div id="myDiv">
71 <div align="center"><div><div><div><div><div><div><div>
72 <div align="center"><div><div><div><div><div><div><div>
73 <div align="center"><div><div><div><div><div><div><div>
74 <div align="center"><div><div><div><div><div><div><div>
75 <div align="center"><div><div><div><div><div><div><div>
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133 <div align="center"><div><div><div><div><div><div><div>
134 <div align="center"><div><div><div><div><div><div><div>
135 <div align="center"><div><div><div><div>&lt
```

```

1  #<?php
2
3  $regNo = $_POST["regNo"];
4
5
6  include "config.php";
7
8  $login = "SELECT * FROM students WHERE regNo='$regNo'";
9
10 $result = mysqli_query($con,$login);
11 $count = mysqli_num_rows($result);
12
13 if($count == 1)
14 {
15     session_start();
16     $_SESSION["loggedUser"] = $regNo;
17     header('Location: delete.php');
18 }
19
20 else{
21     echo "<div style='color:red; text-align:center;'>Invalid Registration</div>";
22     echo"<div><button onclick='location.href='delete_input.php'; style='background-color: red;
23         display: block; color:white;
24         width: 100%;padding: 30px 30px;font-size: 20px; align:center;'>Retry</button>";
25 }
26
27 ?>

```

Delete_handler.p

```

1  #<?php
2
3  ?>
4
5  <?html>
6
7  <?head>
8
9  <title>Updated Students List</title>
10
11 <link rel="stylesheet" type="text/css" href="style.css" >
12 <meta charset="UTF-8" />
13
14 <style>
15
16 body{background-color:#008CBA;}
17
18 table {
19     border-collapse: collapse;
20     width: 100%;
21 }
22
23 th, td {
24     text-align: left;
25     padding: 5px;
26 }
27
28 tr:nth-child(even) {background-color: #f2f2f2;}
29
30 </style>
31 </style>
32 </head>
33
34 <body>
35
36 #<?php
37
38 include "config.php";
39
40 $regNo = $_SESSION["loggedUser"];
41
42 $viewStudent = "DELETE FROM students WHERE regNo = '$regNo'";
43
44
45 $result = mysqli_query($con,$viewStudent);
46
47 if(!$result){
48     echo "Error: ".mysqli_error($con);
49 }
50
51 ?>
52
53 <?

```

List.nhn

```

1  #<?php
2
3  ?>
4
5  <?html>
6
7  <?head>
8
9  <title>Updated Students List</title>
10
11 <link rel="stylesheet" type="text/css" href="style.css" >
12 <meta charset="UTF-8" />
13
14 <style>
15
16 body{background-color:#008CBA;}
17
18 table {
19     border-collapse: collapse;
20     width: 100%;
21 }
22
23 th, td {
24     text-align: left;
25     padding: 5px;
26 }
27
28 tr:nth-child(even) {background-color: #f2f2f2;}
29
30 </style>
31 </style>
32 </head>
33
34 <body>
35
36 #<?php
37
38 include "config.php";
39
40 $regNo = $_SESSION["loggedUser"];
41
42 $viewStudent = "DELETE FROM students WHERE regNo = '$regNo'";
43
44
45 $result = mysqli_query($con,$viewStudent);
46
47 if(!$result){
48     echo "Error: ".mysqli_error($con);
49 }
50
51 ?>
52
53 <?

```

List.nhn

```

1  #<?php
2
3  ?>
4
5  <?html>
6
7  <?head>
8
9  <title>Updated Students List</title>
10
11 <link rel="stylesheet" type="text/css" href="style.css" >
12 <meta charset="UTF-8" />
13
14 <style>
15
16 body{background-color:#008CBA;}
17
18 table {
19     border-collapse: collapse;
20     width: 100%;
21 }
22
23 th, td {
24     text-align: left;
25     padding: 5px;
26 }
27
28 tr:nth-child(even) {background-color: #f2f2f2;}
29
30 </style>
31 </style>
32 </head>
33
34 <body>
35
36 #<?php
37
38 include "config.php";
39
40 $regNo = $_SESSION["loggedUser"];
41
42 $viewStudent = "DELETE FROM students WHERE regNo = '$regNo'";
43
44
45 $result = mysqli_query($con,$viewStudent);
46
47 if(!$result){
48     echo "Error: ".mysqli_error($con);
49 }
50
51 ?>
52
53 <?

```