

# CSE341 Internet Programming Project

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## Project Brief Description

Online Training Center Website, Our Website consists of pages

- Home
- Login For Student/Admin
- Courses Details
- Instructors Details
- Search Page
- About

With functionalities embedded within them. Our Website Coursopolis is designed using BootStrap for HTML/CSS implementation and we implemented the database using phpMyAdmin “MySQL” and PHP codes found within the implementation of the page.

### Tools used

- HTML/CSS/JS
- Bootstrap
- PHP
- MySQL phpMyAdmin

### Github Repository Project Link

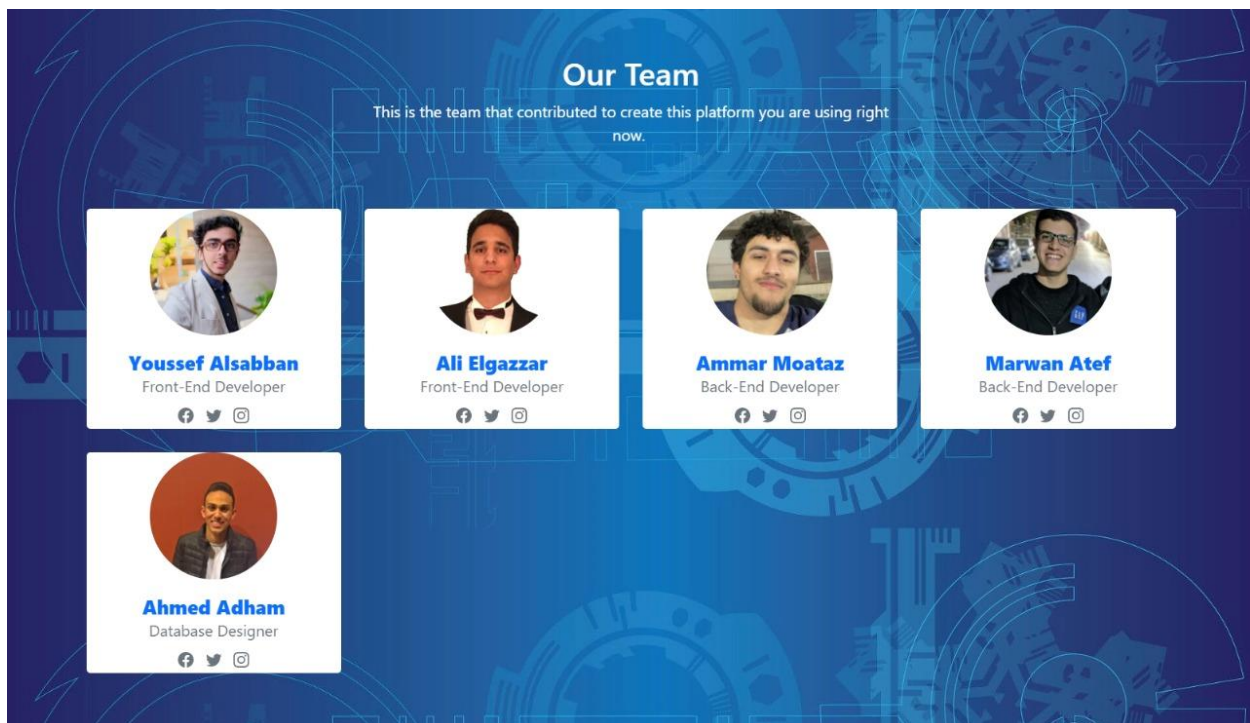
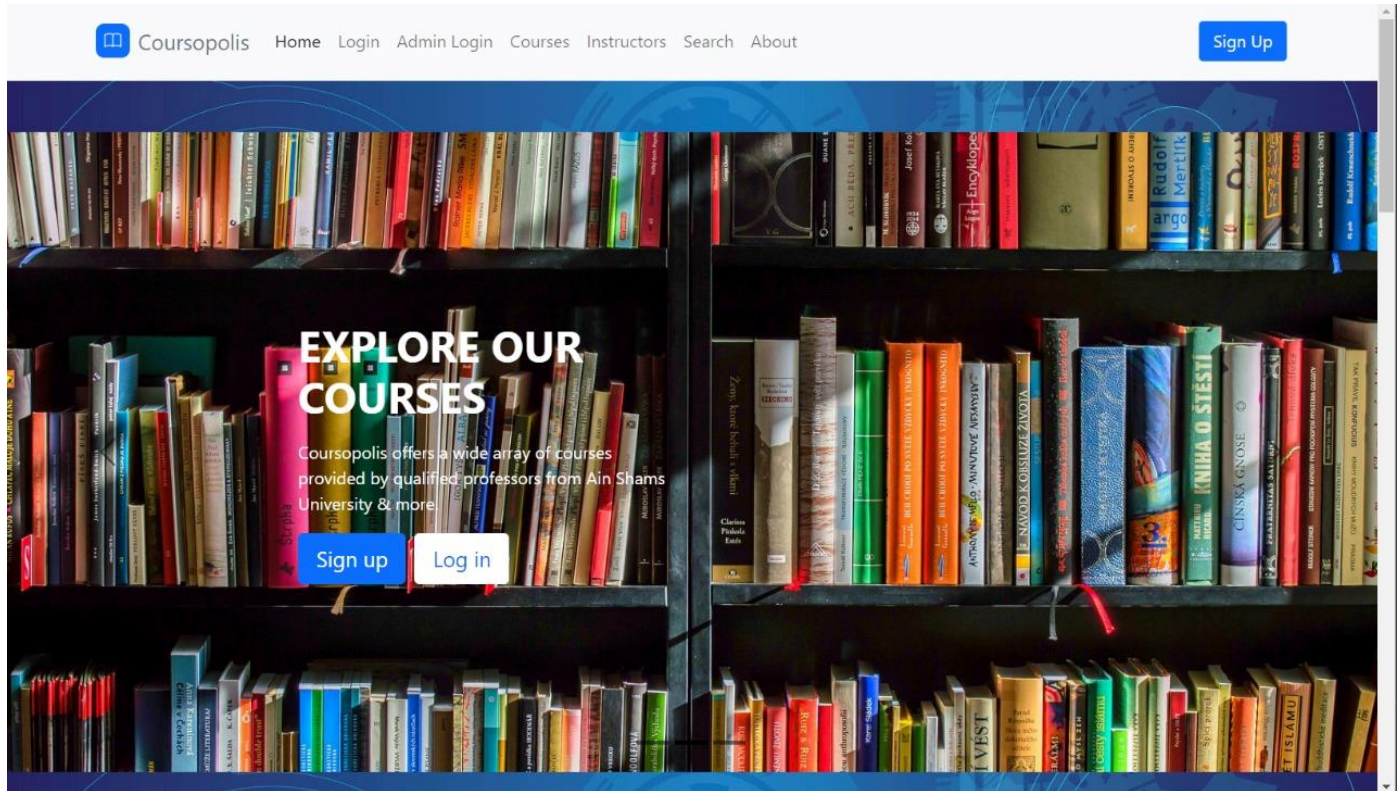
A readME will be provided in the reposirtory to show how to run the website if needed.

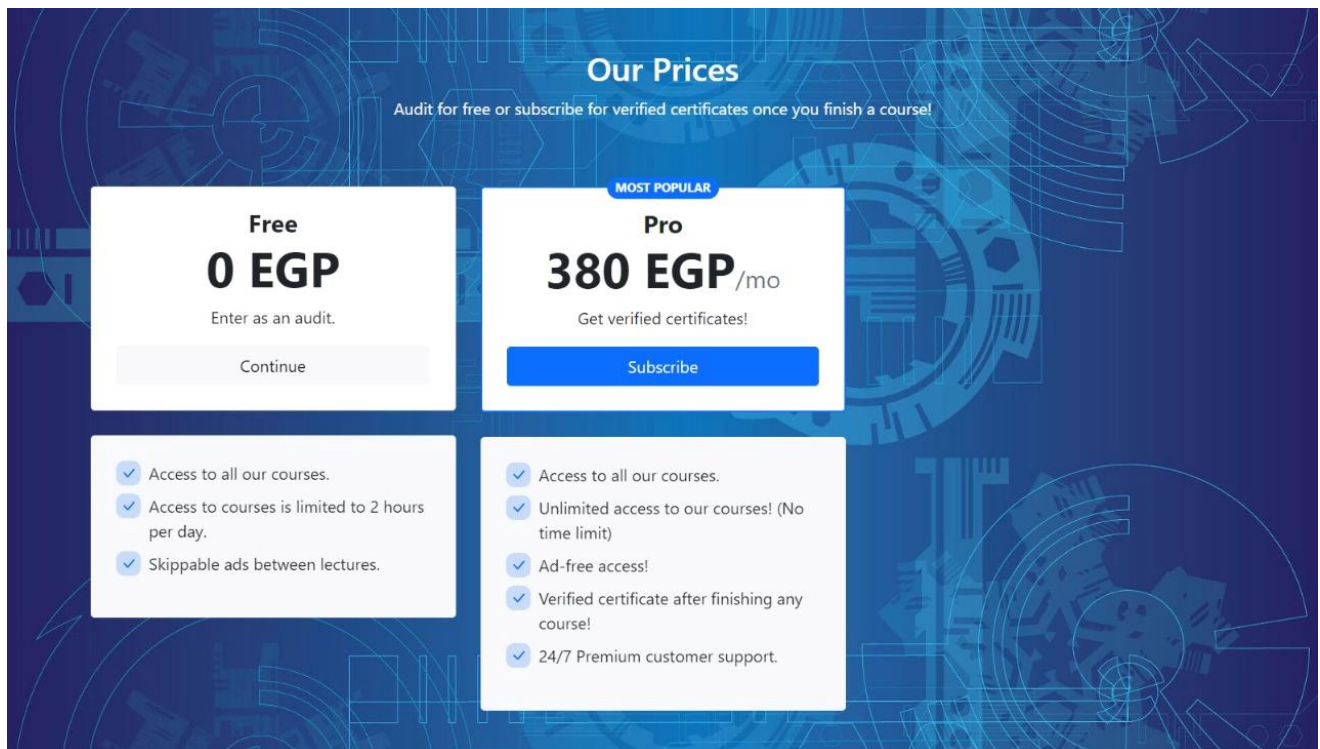
We will show how the website works as functionality with the code uploaded with the pdf.

<https://github.com/Ammar-32/Online-Courses-Website>

## Pages with functionalities

### Home Page






Our Home page, it's considered the main navigation for the website where in the top navigation bar the full website can access like login/sign-up pages, a page to see courses/instructors, and much more!

A regular user will go to the website home page first then click on Sign up if he is first time or login if he is a registered user.

### Sign-Up Page

Can be accessed by the signup button found in the top nav bar or on the top of the home page.




[Coursopolis](#)
[Home](#)
[Login](#)
[Admin Login](#)
[Courses](#)
[Instructors](#)
[Search](#)
[About](#)

Sign Up

## Sign Up

Please enter your details.

Sign Up

Already Have an account? [Sign In now!](#)

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[Hosting](#)

In the sign-up form a user is required to enter his name, mobile number, email and his password then on clicking the sign up a PHP code will be executed and an object will be created in the database.

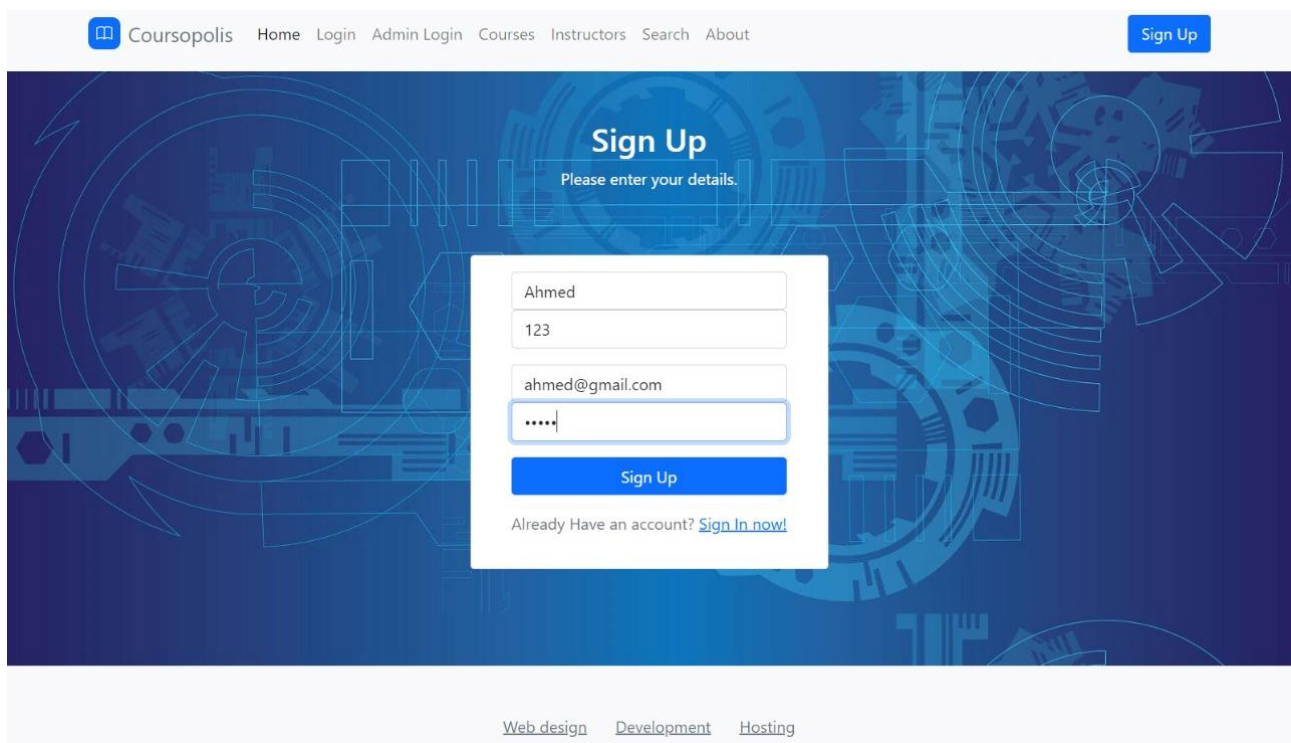
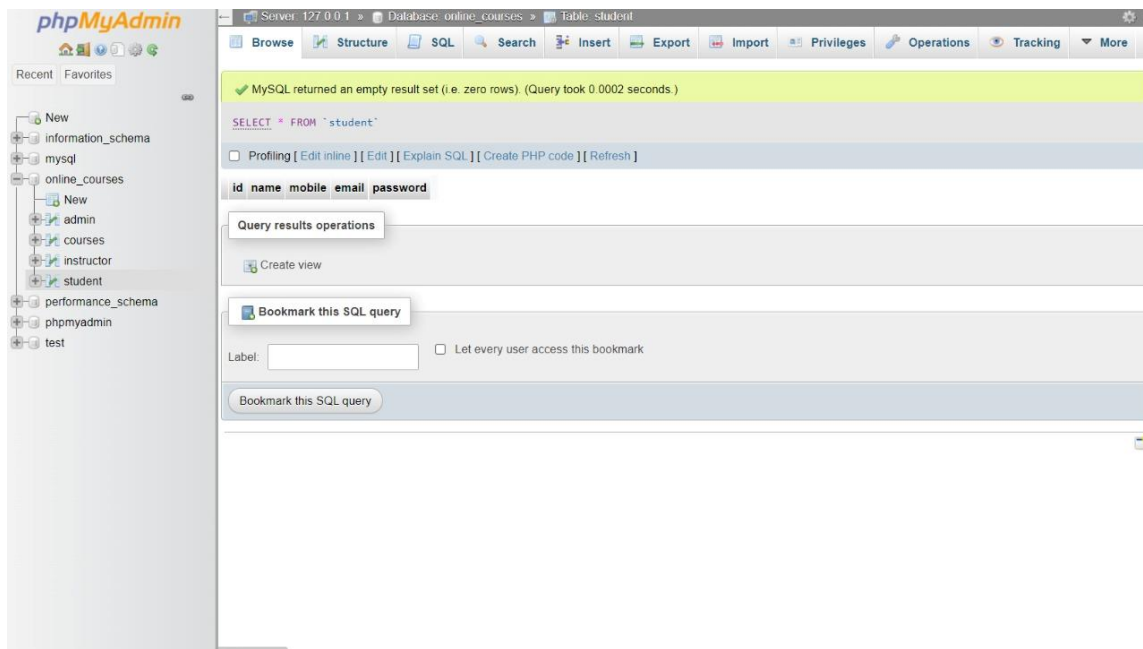
```

<form class="text-center" action="student-details.php">
  <div class="mb-3">
    <input id="fullName" class="form-control" type="text" name="fullName" placeholder="Full Name">
    <input id="phoneNumber" class="form-control" type="text" name="phone" placeholder="Mobile Number"></div>
  <div class="mb-3">
    <input id="email" class="form-control" type="email" name="email" placeholder="Email">
    <input id="password" class="form-control" type="password" name="password" placeholder="Password"></div>
  <div class="mb-3">
    <button id="signupBtn" class="btn btn-primary d-block w-100" type="submit">Sign Up</button></div>
  <p class="text-muted">Already Have an account?&nbsp;<a href="login.php">Sign In now!</a></p>
</form>

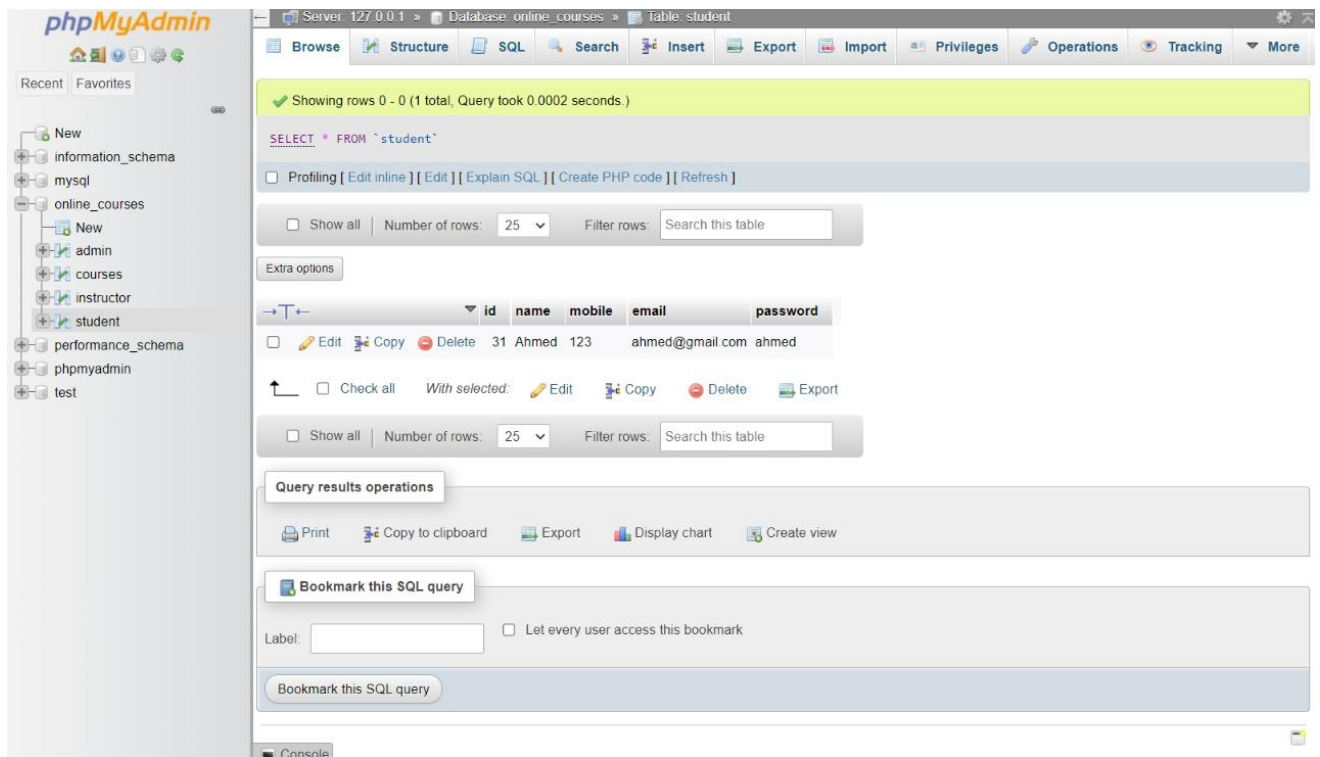
<h1 style="text-align:center;">User Details:</h1>
<?php
  $name = $_GET["fullName"];
  $phone = $_GET["phone"];
  $email = $_GET["email"];
  $password = $_GET["password"];

  $conn = mysqli_connect("localhost", "root", "", "online_courses");
  if($conn==TRUE){
    // echo "Successfully connected to the database.<br>";
  } else {
    echo "Error. Connection failed!<br>";
    die(); } //stop the program. there is no need to continue
  $stmt = "INSERT INTO `student` (`name`, `mobile`, `email`, `password`) VALUES ('$name', '$phone', '$email', '$password')";
  $result = mysqli_query($conn, $stmt);
  if($result==FALSE)
    echo "Error. $name department was not added";
  else
    echo "<p style='color:white;'> Name: $name</p> <p style='color:white;'>Phone: $phone</p> <p style='color:white;'>Email: $email</p> <p style='color:white;'>Password: $password</p>"
  // echo "$name department was successfully added";
  ?>
iv>

```

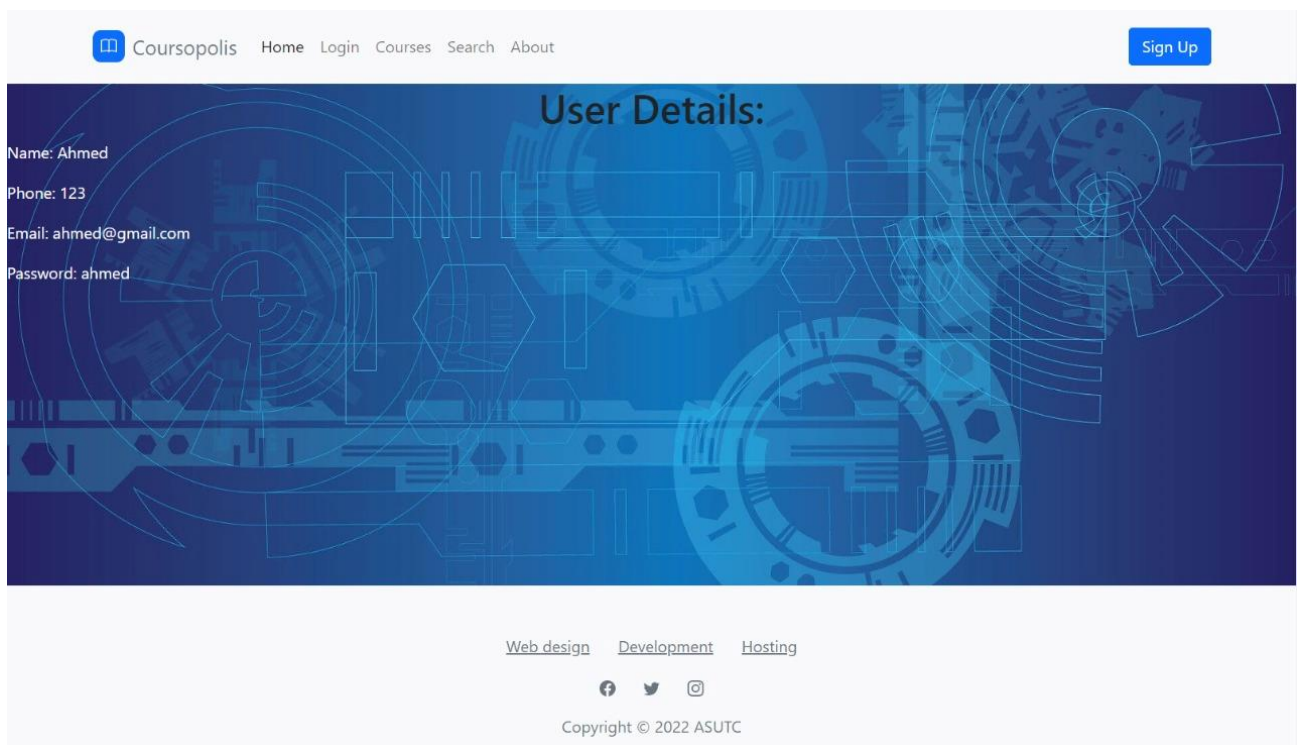


When the user clicks on sign up.



An id will be generated by the database using the auto-increment feature so students get random ids like normal scenarios.

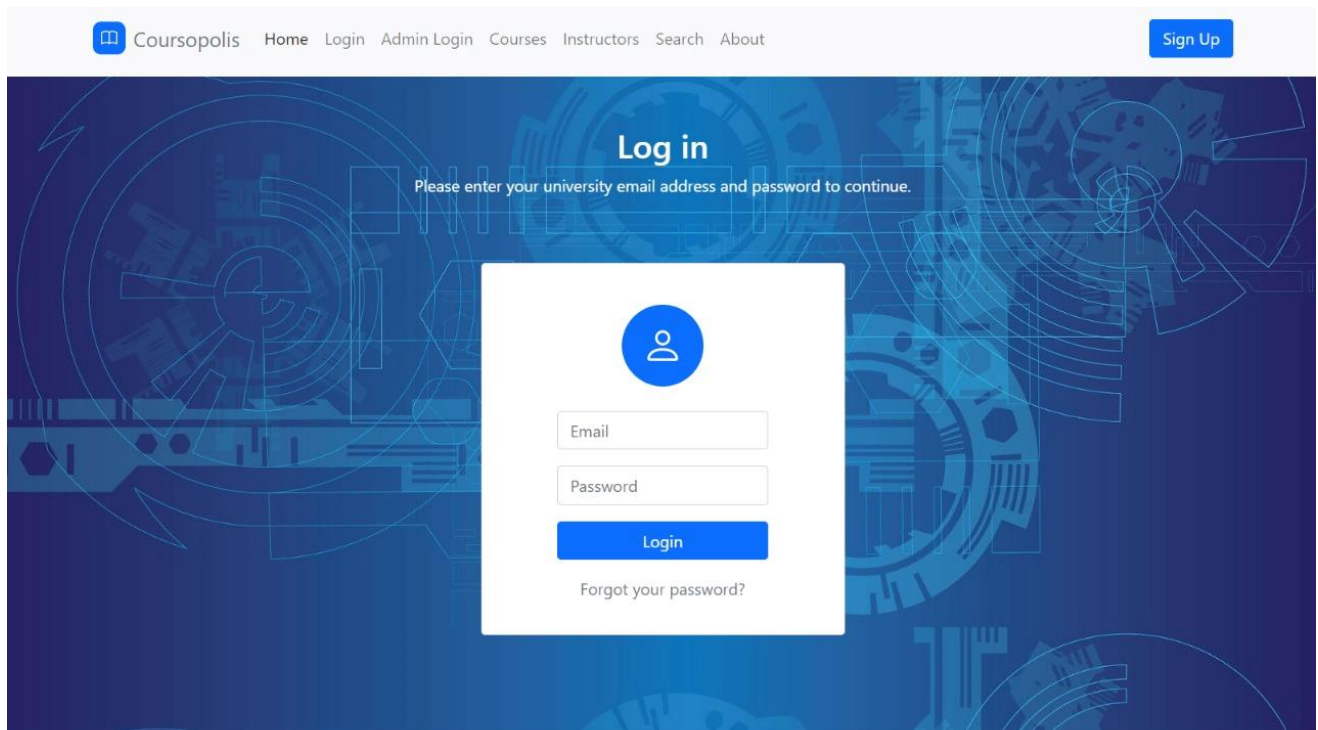
Then the website will direct the page to show the user his details.



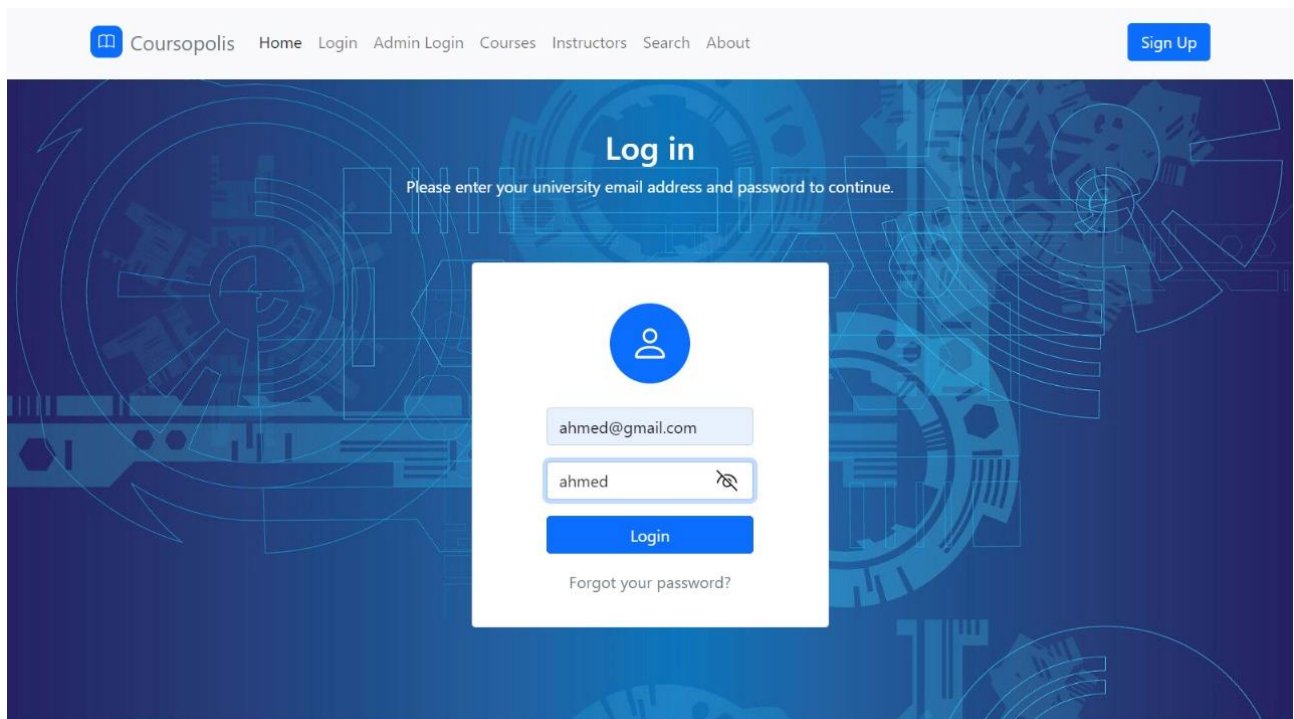


## Login Page

We will try to log in to the user just created.



The screenshot shows the login page of a website named 'Coursopolis'. The page has a dark blue background with a faint, abstract pattern of gears and lines. At the top, there is a navigation bar with links: 'Coursopolis', 'Home', 'Login', 'Admin Login', 'Courses', 'Instructors', 'Search', and 'About'. A 'Sign Up' button is located in the top right corner. The main heading is 'Log in', followed by the instruction 'Please enter your university email address and password to continue.' Below this, there is a white login form. The form contains a blue circular icon with a white person silhouette, two input fields labeled 'Email' and 'Password', a blue 'Login' button, and a link 'Forgot your password?'.

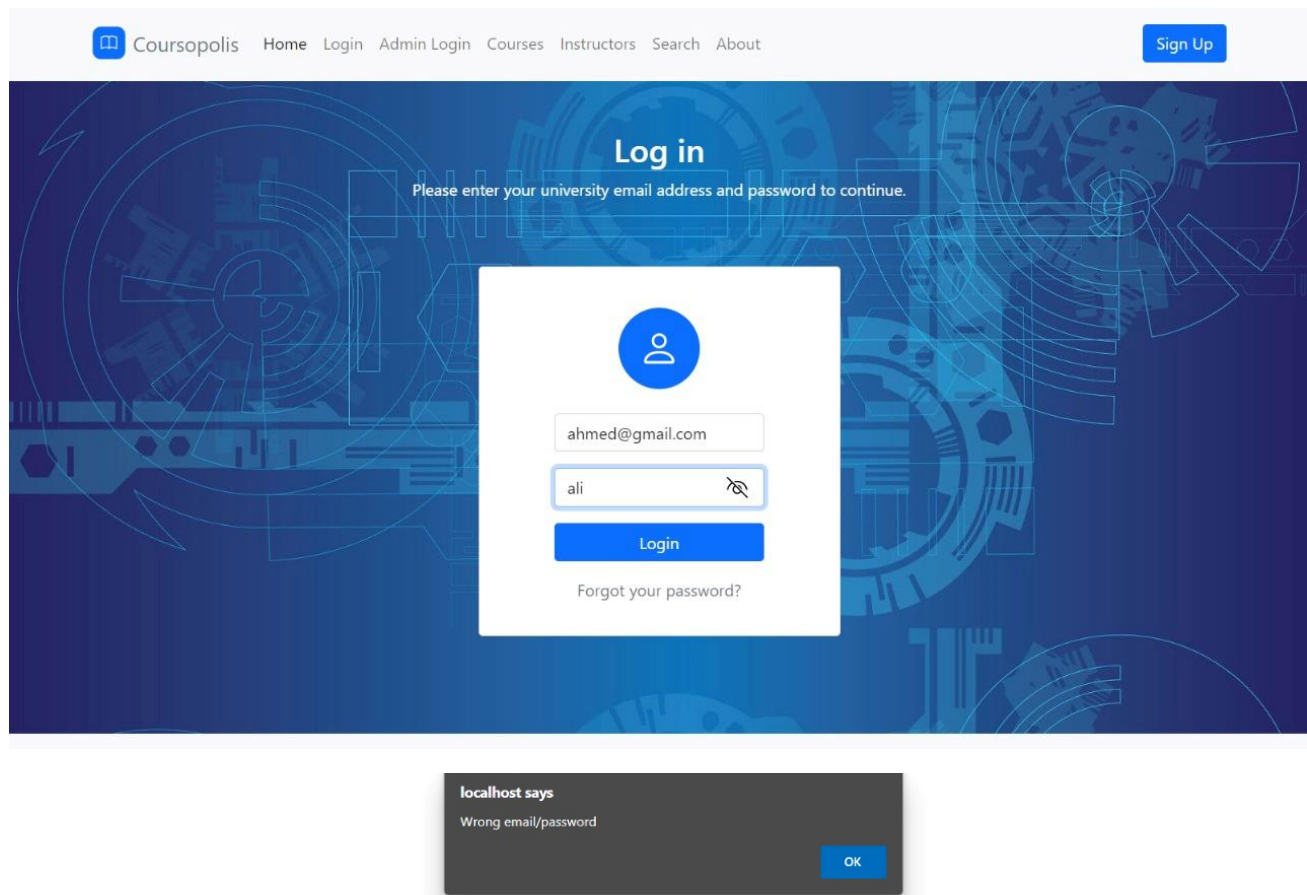


This screenshot shows the same login page as the previous one, but with the input fields filled. The 'Email' field contains 'ahmed@gmail.com' and the 'Password' field contains 'ahmed'. The 'Login' button is still blue, and the 'Forgot your password?' link is still present. The background and navigation bar remain the same.

A PHP code will be executed to verify if the user is in the database or not if he exists his details will pop out if not an error will be shown.



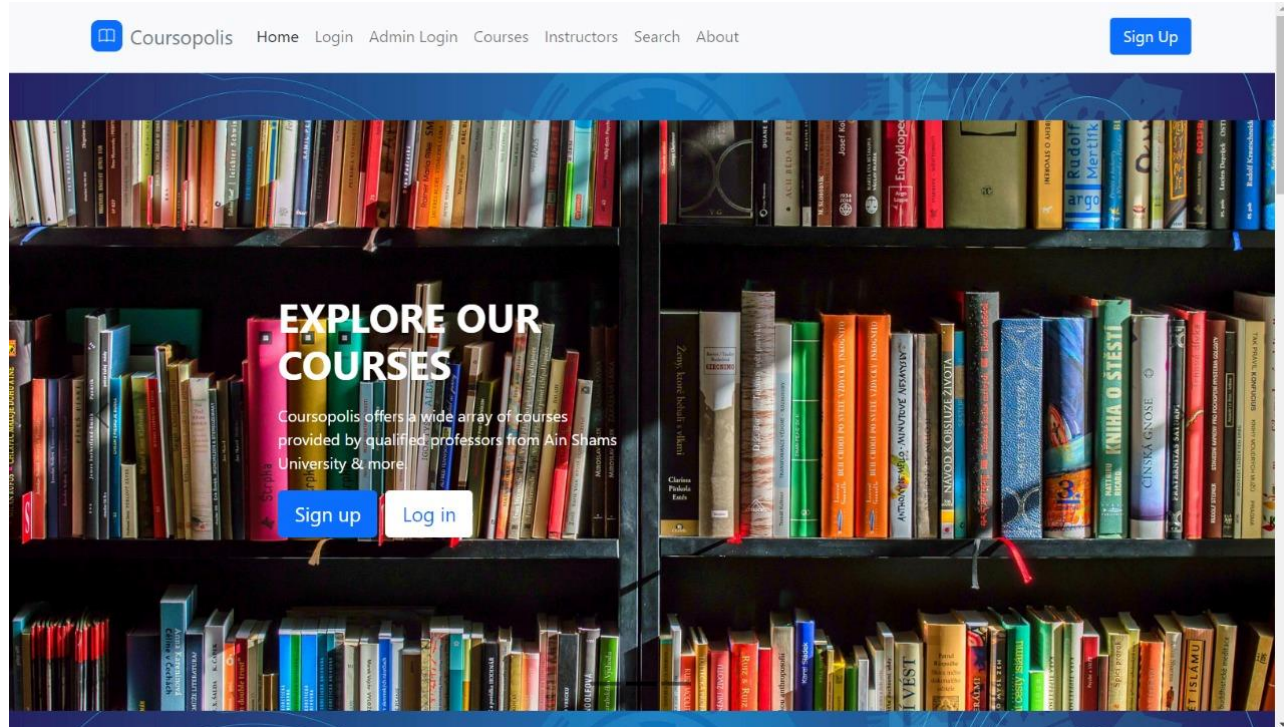
ID: 31  
Name: Ahmed  
Mobile Number: 123  
Email: ahmed@gmail.com  
Password: ahmed



Then the website will redirect again to the login page.

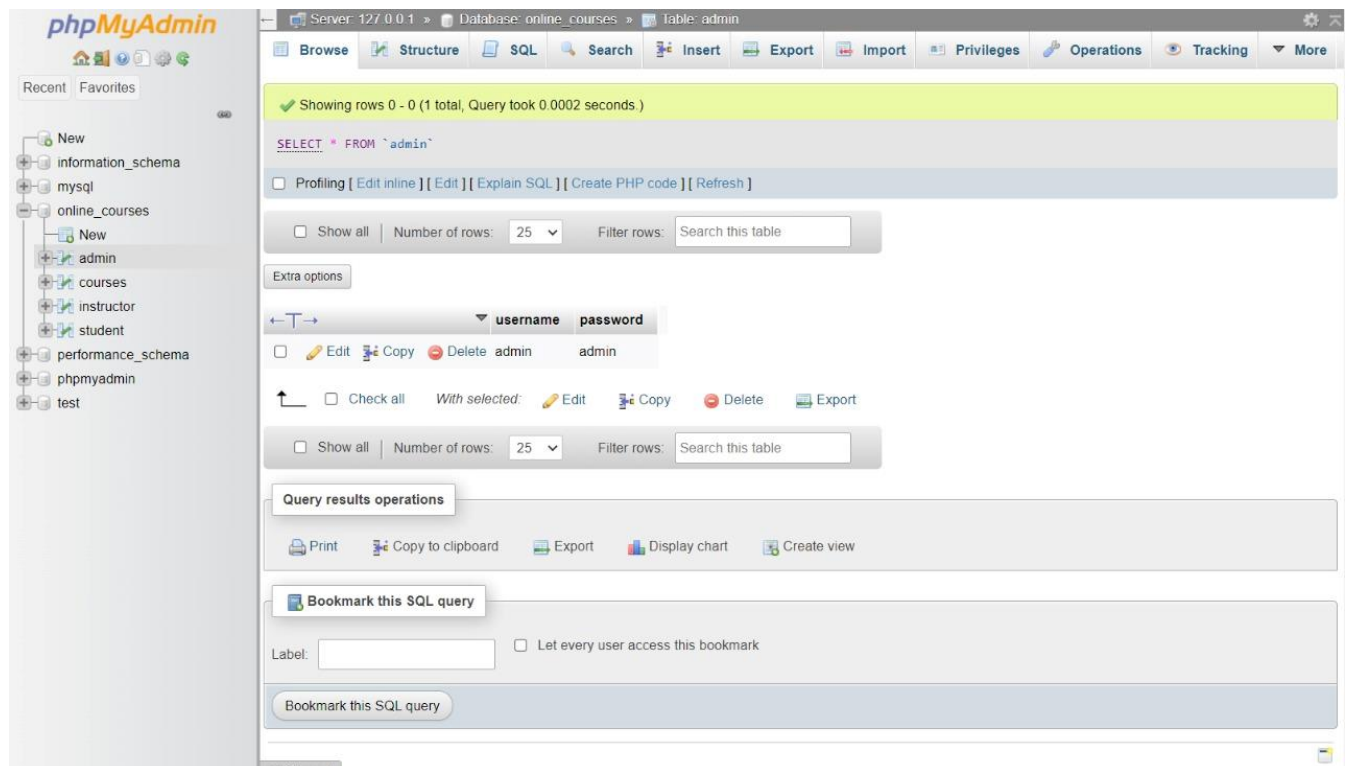
### Logout

The website will be re-direct again to the home page.



## Admin Login

There is only one admin on our website username is admin and the password is also admin






Coursopolis
Home
Login
Admin Login
Courses
Instructors
Search
About
Sign Up

## Administrators Log in

Please enter your admin username and password.



Web design
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Then on clicking login a PHP code will run to verify the admin the website will redirect to the admin functionalities page.

```

</svg></div>
<form class="text-center" method="post" action="adminLogged.php">
  <div class="mb-3"><input class="form-control" type="text" name="username" placeholder="Admin Username"></div>
  <div class="mb-3"><input class="form-control" type="password" name="password" placeholder="Password"></div>
  <div class="mb-3"><button class="btn btn-primary d-block w-100" type="submit">Login</button></div>
</form>
<?php
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12
13
14
15
16
17
$username = $_POST["username"];
$password = $_POST["password"];
$conn = mysqli_connect("localhost", "root", "", "online_courses");
$stmt = "select * from `admin` where `username` = '$username' and `password` = '$password'";
$result = mysqli_query($conn, $stmt);
$login = false;
while ($row = mysqli_fetch_array($result) )
{
    echo '<script> window.open("admin.php", "_self");</script>';
    $login=true;
}
if($login==false)
echo '<script>alert("Wrong username/password"); window.open("adminLogin.php", "_self");</script>';
?>

```



## Admin Functionalities

### Administration

#### Add Instructor

Add Instructor

#### Add Course

Add Course

We will show to add instructor and course. Initially, both databases are empty.

The screenshot shows the phpMyAdmin interface. On the left, the database structure is visible, including 'information\_schema', 'mysql', 'online\_courses', 'performance\_schema', 'phpmyadmin', and 'test'. The 'online\_courses' database is selected, and the 'instructor' table is highlighted. The main panel shows the 'Browse' tab with a message: 'MySQL returned an empty result set (i.e. zero rows). (Query took 0.0002 seconds.)'. Below this, the SQL query 'SELECT \* FROM `instructor`' is displayed. The 'Query results operations' section shows a 'Create view' button. The 'Bookmark this SQL query' section has a 'Label' input field and a checkbox 'Let every user access this bookmark'. The 'Console' tab is visible at the bottom.

phpMyAdmin

Server: 127.0.0.1 Database: online\_courses Table: courses

Recent Favorites

- New
- information\_schema
- mysql
- online\_courses
  - New
  - admin
  - courses
  - instructor
  - student
- performance\_schema
- phpmyadmin
- test

MySQL returned an empty result set (i.e. zero rows) (Query took 0.0002 seconds)

```
SELECT * FROM `courses`
```

☐ Profiling [\[ Edit inline \]](#) [\[ Edit \]](#) [\[ Explain SQL \]](#) [\[ Create PHP code \]](#) [\[ Refresh \]](#)

id	name	description	prerequisite
----	------	-------------	--------------

Query results operations

[Create view](#)

[Bookmark this SQL query](#)

Label:  ☐ Let every user access this bookmark

[Bookmark this SQL query](#)

Console

# Administration

## Add Instructor

[Add Instructor](#)

localhost says

Instructor Added

OK

phpMyAdmin

Recent Favorites

- New
- information\_schema
- mysql
- online\_courses
  - New
  - admin
  - courses
  - instructor**
  - student
- performance\_schema
- phpmyadmin
- test

Server: 127.0.0.1 » Database: online\_courses » Table: instructor

Browse Structure SQL Search Insert Export Import

Showing rows 0 - 0 (1 total, Query took 0.0002 seconds.)

```
SELECT * FROM `instructor`
```

☐ Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

	id	name	mobile	email
<input type="checkbox"/> Edit Copy Delete	14	Ali	135	ali@gmail.com

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

## Add Course

cse112

Internet Programming

HTML, CSS, Javascript, PH

Programming 1

Add Course

**localhost says**

Course Added

OK



phpMyAdmin

Recent Favorites

- New
- information\_schema
- mysql
- online\_courses
  - New
  - admin
  - courses
  - instructor
  - student
- performance\_schema
- phpmyadmin
- test

Server: 127.0.0.1 » Database: online\_courses » Table: courses

Browse Structure SQL Search Insert Export Import Privileges

Showing rows 0 - 0 (1 total, Query took 0.0002 seconds.)

`SELECT * FROM `courses``

☐ Profiling [\[ Edit inline \]](#) [\[ Edit \]](#) [\[ Explain SQL \]](#) [\[ Create PHP code \]](#) [\[ Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

	id	name	description	prerequisite
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	cse112	Internet Programming	HTML, CSS, Javascript, PHP, AJAX, MySQL	Programming 1

☐ Check all | With selected: ☐ Edit ☐ Copy ☐ Delete ☐ Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

☐ Print ☐ Copy to clipboard ☐ Export ☐ Display chart ☐ Create view

```

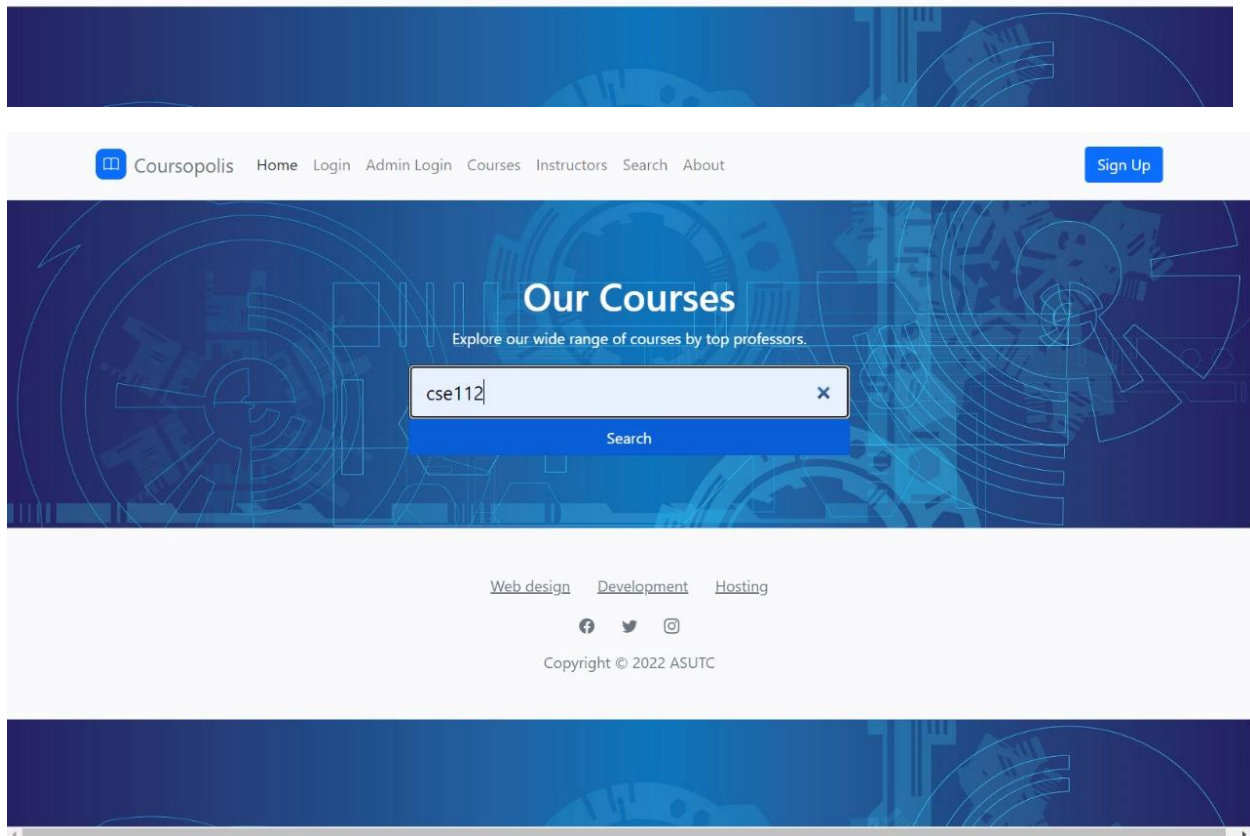
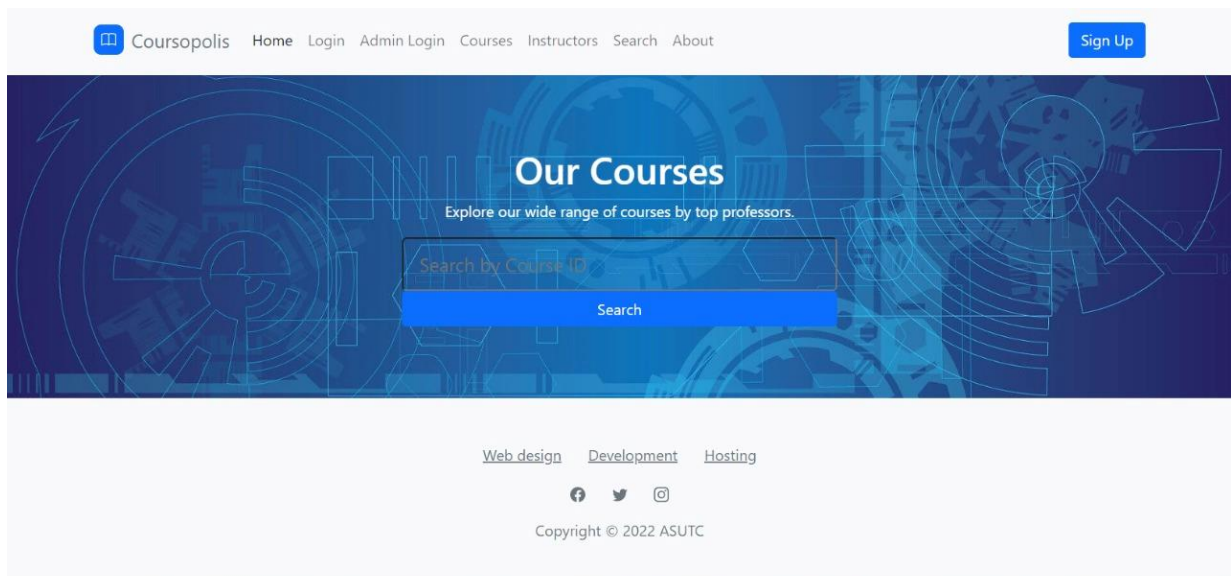
admin.php  addInstructor.php  adminLogin.php  Courseinfobiology.php  Courseinfochemistry.php  Courseinfophysics.php  cd
newproject > addInstructor.php
1  <?php
2      $name = $_GET["fullName"];
3      $phone = $_GET["phone"];
4      $email = $_GET["email"];
5
6
7      $conn = mysqli_connect("localhost", "root", "", "online_courses");
8      if($conn==TRUE){}
9
10     else {
11
12         die(); } //stop the program. there is no need to continue
13     $stmt = "INSERT INTO `instructor` (`name`, `mobile`, `email`) VALUES ('$name', '$phone', '$email')";
14     $result = mysqli_query($conn, $stmt);
15     echo '<script> alert("Instructor Added"); window.open("admin.php", "_self");</script>';
16  ?>
  
```

```

admin.php  addCourses.php  adminLogin.php  Courseinfobiology.php  Courseinfochemistry.php  Courseinfophysics.php  courses slider.php  Courses.php  Index
newproject > addCourses.php
1  <?php
2      $id = $_GET["CourseID"];
3      $name = $_GET["CourseName"];
4      $description = $_GET["Description"];
5      $prerequisite = $_GET["Prerequisite"];
6      $conn = mysqli_connect("localhost", "root", "", "online_courses");
7      if($conn==TRUE){}
8
9      else {
10
11         die(); } //stop the program. there is no need to continue
12     $stmt = "INSERT INTO `courses` (`id`, `name`, `description`, `prerequisite`) VALUES ('$id', '$name', '$description', '$prerequisite')";
13     $result = mysqli_query($conn, $stmt);
14
15     echo '<script> alert("Course Added"); window.open("admin.php", "_self");</script>';
16  ?>
  
```

## Search

The search base will allow the user to search for a course currently being offered to the users “found in the database”. The website will return the course information to the user.



## Search Results = Internet Programming

ID: cse112

Course Name: Internet Programming

Course Description: HTML, CSS, Javascript, PHP, AJAX, MySQL

Course Prerequisites: Programming 1

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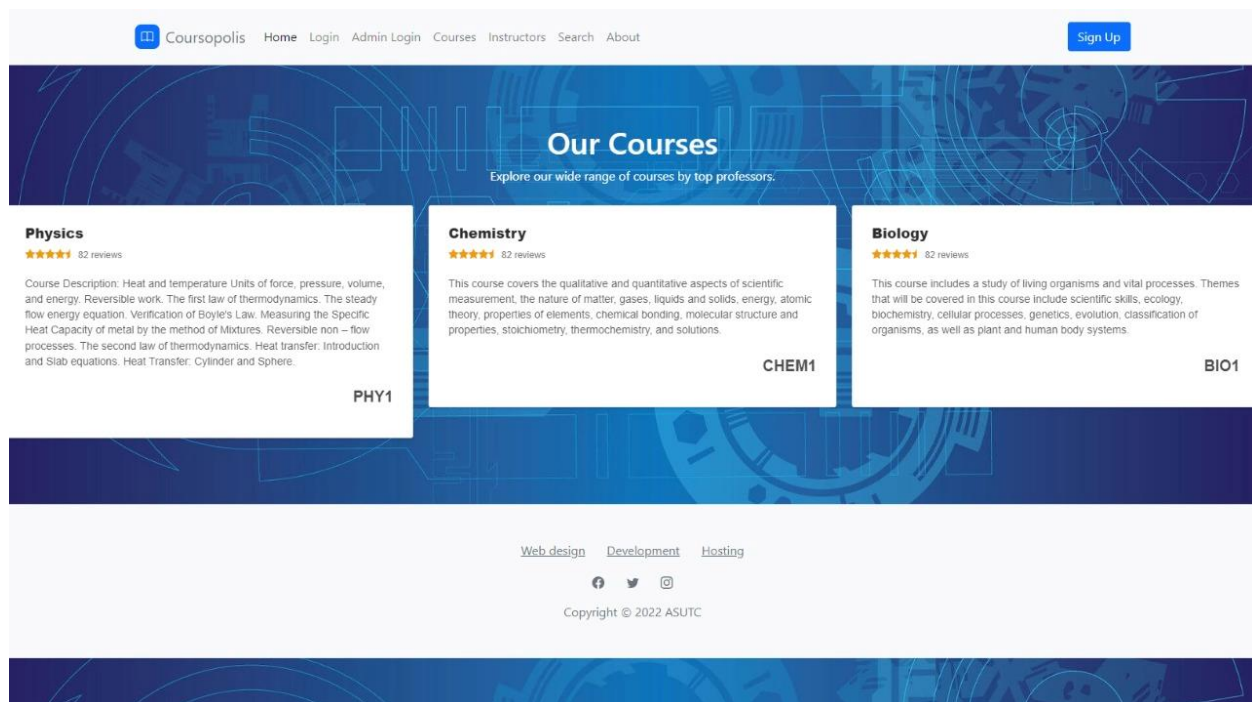
```
<form action="searched.php">
<input class="form-control-lg" type="search" name="searchBar" style="color:white; text-align: left;height: 57px;width: 461.4px;background: rgba(255,255,255,0);color: var(--bs
<button id="addinstructorBtn" class="btn btn-primary d-block w-100" name="searchBtn" type="submit">Search</button>
</form>
```

```
<?php
    $courseId = $_GET["searchBar"];
    $conn = mysqli_connect("localhost", "root", "", "online_courses");
    $stmt = "select * from `courses` where `id` = '$courseId'";
    $result = mysqli_query($conn, $stmt);
    while ($row = mysqli_fetch_array($result) )
    {
        echo "<h1 style='color:white; text-align:center;'> Search Results = $row[1]</h1><h4 style='color:white;'> ID: $row[0]</h4> <h4 style='color:white;'>Course Name
    }
}>
```

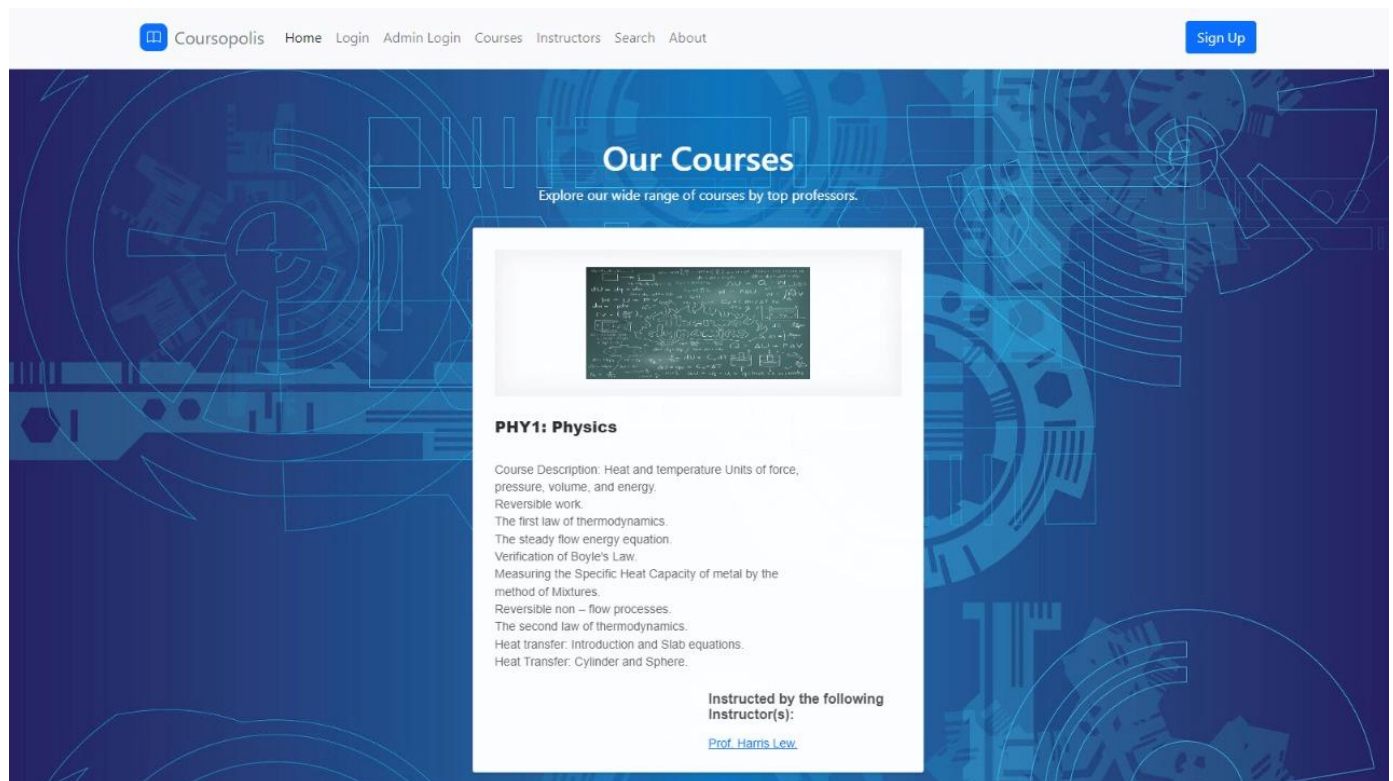
## Courses

This page has a list of courses that are mainly offered by the website but maybe not currently being taught “not found in the database”.





On clicking on Physics, for example, a page will be redirected with full course details.





## Our Courses

Explore our wide range of courses by top professors.



### CHEM1: Chemistry

Course Description: This course covers the qualitative and quantitative aspects of scientific measurement, the nature of matter, gases, liquids and solids, energy, atomic theory, properties of elements, chemical bonding, molecular structure and properties, stoichiometry, thermochemistry, and solutions.

Instructed by the following  
Instructor(s):

[Prof. Harris Lew](#)

## Our Courses

Explore our wide range of courses by top professors.



### BIO1: Biology


Course Description: This course includes a study of living organisms and vital processes. Themes that will be covered in this course include scientific skills, ecology, biochemistry, cellular processes, genetics, evolution, classification of organisms, as well as plant and human body systems.

Instructed by the following  
Instructor(s):

[Prof. Harris Lew](#)

## Instructors

On this page, instructors of the courses are shown.

 Coursopolis

HomeLoginAdmin LoginCoursesInstructorsSearchAbout

Sign Up

## Our Instructors

Explore our wide range of top professors.



**Prof. John Jay**  
★★★★★ 20 reviews

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam ornare sem sed nisl dignissim, facilisis dapibus lacus vulputate. Sed lacinia lacinia magna.

starts from 3000 EGP



**Prof. Harris Lew**  
★★★★★ 17 reviews

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam ornare sem sed nisl dignissim, facilisis dapibus lacus vulputate. Sed lacinia lacinia magna.

starts from 2000 EGP




**Prof. Sara Bill**  
★★★★★ 38 reviews

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam ornare sem sed nisl dignissim, facilisis dapibus lacus vulputate. Sed lacinia lacinia magna.

starts from 5000 EGP

On clicking on an instructor for example Prof. Harris Lew

 Coursopolis

HomeLoginAdmin LoginCoursesInstructorsSearchAbout

Sign Up

## Our Instructors

Explore our wide range of top professors.



**Prof. Harris Lew**  
★★★★★ 17 reviews

Instructed Courses:

- Engineering Chemistry
- Thermodynamics
- Physics 1


Top Review:

Prof. Harris will make you love Physics.

## About


### Our Team

This is the team that contributed to create this platform you are using right now.




**Youssef Alsabban**  
Front-End Developer

[f](#) [t](#) [i](#)




**Ali Elgazzar**  
Front-End Developer

[f](#) [t](#) [i](#)




**Ammar Moataz**  
Back-End Developer

[f](#) [t](#) [i](#)



**Marwan Atef**  
Back-End Developer

[f](#) [t](#) [i](#)



**Ahmed Adham**  
Database Designer

[f](#) [t](#) [i](#)