

# TPC PORTAL

CS260 PROJECT

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Github repository link : <https://github.com/Prabhat-IITP/TPC-Portal.git>

Demonstration video link : [https://drive.google.com/drive/folders/1sHu4R\\_Toe4PoFW2KzABCzpOZioKcKrTD?usp=sharing](https://drive.google.com/drive/folders/1sHu4R_Toe4PoFW2KzABCzpOZioKcKrTD?usp=sharing)

## **Contribution :**

**Swapnil Saraswat :** Company and Alumni portal (Backend + Frontend), MySQL admin portal

**Satyam Vyas :** Student portal (Backend + Frontend), Administrator Portal (backend)

**Prabhat Kumar Malviya :** Administrator portal (frontend), Report writing

Please refer videos for better explanation

Schema for all the tables used in Database :

Student\_placed

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 <b>Roll_Number</b>	varchar(8)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	2 <b>Company</b>	varchar(256)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	3 <b>Annual_CTC</b>	int(11)			Yes	NULL			Change  Drop  More
<input type="checkbox"/>	4 <b>Role</b>	varchar(256)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	5 <b>Year</b>	year(4)			No	None			Change  Drop  More
<input type="checkbox"/>	6 <b>Specialization</b>	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More

Student\_login

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 <b>Roll_Number</b>	varchar(8)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	2 <b>Email</b>	varchar(256)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	3 <b>password</b>	varchar(256)	utf8mb4_general_ci		No	None			Change  Drop  More

☐ Check all

With selected:

Browse

Change

Drop

Primary

Unique

Index

Print

Propose table structure

Move columns

Normalize

Add

column(s)

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit  Rename  Drop	PRIMARY	BTREE	Yes	No	Roll_Number	1	A	No	
Edit  Rename  Drop	Email	BTREE	Yes	No	Email	1	A	No	

### Student\_details

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	Name	varchar(256)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	2	Roll_Number	varchar(8)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	3	Age	int(11)			No	None			Change  Drop  More
<input type="checkbox"/>	4	Specialization	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	5	Interest	varchar(256)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	6	Passing_Year	year(4)			No	None			Change  Drop  More
<input type="checkbox"/>	7	tenth	double			Yes	NULL			Change  Drop  More
<input type="checkbox"/>	8	twelfth	double			Yes	NULL			Change  Drop  More
<input type="checkbox"/>	9	CPI	double			Yes	NULL			Change  Drop  More
<input type="checkbox"/>	10	transcript	varchar(256)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	11	Back	int(1)			No	None			Change  Drop  More
<input type="checkbox"/>	12	Gender	char(1)	utf8mb4_general_ci		No	None			Change  Drop  More

### Semester wise marks table

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	Roll	varchar(10)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	2	Course	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	3	Marks	int(11)			No	0			Change  Drop  More

### Semester wise courses table

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	Specialization	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	2	Course	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	3	Credit	int(11)			No	None			Change  Drop  More
<input type="checkbox"/>	4	CCode	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More

Job\_offered table – updates the placement status by company which is used to update the placement details of student by admin

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	roll_no	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	2	name	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	3	company_name	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	4	CTC	int(11)			No	None			Change  Drop  More
<input type="checkbox"/>	5	Profile	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More

## Company\_jobs table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 <b>c_id</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/>	2 <b>profile_name</b>	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	3 <b>job_location</b>	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	4 <b>min_cpi</b>	double			No	None			Change  Drop  More
<input type="checkbox"/>	5 <b>back_allowed</b>	varchar(10)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	6 <b>gender_specific</b>	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	7 <b>CTC</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/>	8 <b>branch_specialization</b>	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More






















## Company\_details table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 <b>id</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/>	2 <b>company_name</b>	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	3 <b>hr_name</b>	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	4 <b>hr_contact</b>	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	5 <b>email</b>	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	6 <b>password</b>	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	7 <b>recruiting_since</b>	year(4)			No	None			Change  Drop  More

## Alumni\_details table -

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 <b>id</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/>	2 <b>roll_no</b>	varchar(10)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	3 <b>first_name</b>	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	4 <b>last_name</b>	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	5 <b>email</b>	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	6 <b>passout_year</b>	year(4)			No	None			Change  Drop  More
<input type="checkbox"/>	7 <b>password</b>	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More

## Alumni\_company\_details table ->

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	<b>alumni_id</b>	int(11)			No	None			 Change  Drop  More
<input type="checkbox"/>	2	<b>company_name</b>	varchar(256)	utf8mb4_general_ci		No	None			 Change  Drop  More
<input type="checkbox"/>	3	<b>position</b>	varchar(256)	utf8mb4_general_ci		No	None			 Change  Drop  More
<input type="checkbox"/>	4	<b>location</b>	varchar(256)	utf8mb4_general_ci		No	None			 Change  Drop  More
<input type="checkbox"/>	5	<b>joining_date</b>	date			No	None			 Change  Drop  More
<input type="checkbox"/>	6	<b>months_worked</b>	int(11)			No	None			 Change  Drop  More
<input type="checkbox"/>	7	<b>CTC</b>	int(11)			No	None			 Change  Drop  More

## Login and Registration :

The login system for the Training and Placements Cell portal has been designed to cater to the needs of four different types of users: Company, Alumni, Student, and Admin. Each user type has its own login block, which redirects them to a separate webpage. Additionally, each login block contains a registration link that directs the user to a separate registration page, specific to their user type. This approach ensures that the portal is user-friendly and easily accessible to all its intended users.

- **Student Registration :**

In the Training and Placements Cell portal, each student is assigned a unique Roll No., which serves as their primary identifier for registration and all other purposes within the portal. During registration, students are required to provide basic personal information, including their name, email, age, specialization, branch, gender, passing year, interests, and password for logging in. Once the form is submitted and validated, the data is stored in a MySQL table, and the Student is registered on the portal. Additionally, students are required to update their academic details during the registration process. This step is mandatory to access the services provided throughout the portal.

The code is as follows :

```
<?php
// check if form is submitted
function myAlert($msg, $url){
    echo "<script language='javascript'>alert('".$msg."');</script>";
    echo "<script>document.location = '$url'</script>";
}

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $conn = mysqli_connect("localhost","root","","iitp_tpc");
    // validate first name
    $error = 0;
    $first_name = test_input($_POST["Name"]);
    // check if first name only contains letters and whitespace
    if (!preg_match("/^[a-zA-Z ]*$/",$first_name)) {
        $error = 1;
        myAlert("Only letters and white space allowed in name", "index.php");
    }
    $email = test_input($_POST["email"]);
    //email already registered
    $sql = "select * from student_login where Email = '$email'";
    $result = mysqli_query($conn,$sql);
    if (mysqli_num_rows($result) > 0) {
        $error = 1;
        myAlert("Email already registered. Please login.", "index.php");
    }
    $rollno = test_input($_POST["Rollno"]);
    $sql = "select * from student_login where Roll_Number = '$rollno'";
    $result = mysqli_query($conn,$sql);
    if (mysqli_num_rows($result) > 0) {
        $error = 1;
        myAlert("Student already registered. Please login.", "index.php");
    }
    $name = $_POST["Name"];
    $password = $_POST["password"];
    $confirm_password = $_POST["confirmPassword"];
    $age = $_POST["Age"];
    $branch = $_POST["branch"];
    $passout = $_POST["PassoutYear"];
    $interest = $_POST["Interest"];
    $gender = $_POST["gender"];
    if($error == 0){
        $query1 = "insert into student_login values('$rollno','$email','$password')";
        $query2 = "insert into student_placed(Roll_Number,Year) values('$rollno','$passout')";
        $query = "insert into Student_details(Name,Roll_Number,Age,Specialization,Interest,Passing_Year,Gender) values('$name','$rollno','$age','$branch','$interest','$passout')";
        $result1 = mysqli_query($conn,$query1);
        $result2 = mysqli_query($conn,$query2);
        $result = mysqli_query($conn,$query);
    }
    myAlert("Account Successfully Registered!", "dashboard.php");
} else {
    echo "<script>alert('Something went wrong!')</script>";
}
}

// function to sanitize user input
function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
?>
```

- **Student Login :**

In the student login section, Roll No. is used as the username. This same Roll No. is also used as the primary key for the Student table. This ensures that each student has a unique identifier that can be easily accessed and used for various purposes within the portal.

The php code is as follows:

```
<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $conn = mysqli_connect("localhost","root","","iitp_tpc");
    $email = $_POST['email'];
    $pwd = $_POST['password'];
    // select query to check if profile exists
    $query = "SELECT * FROM student_login WHERE Email='$email' and password='$pwd'";
    $result = mysqli_query($conn, $query);
    //If there exists a row with the given credentials, then redirect to respective profile page otherwise stay on same page by alert
    if (mysqli_num_rows($result) != 0) {
        $query = "SELECT Roll_Number FROM student_login WHERE email='$email' and password='$pwd'";
        $result = mysqli_query($conn, $query);
        $row = mysqli_fetch_array($result);
        $rollno = $row["Roll_Number"];
        session_start();
        $_SESSION['sess_user'] = $rollno;
        header("Location: dashboard.php");
    } else {
        echo "<script>alert('Invalid email or password.')

```

And the html part is as follows :

```
<body>
    <div class="container">
        <h1>Login</h1>
        <form action="login.php" method="POST" enctype="multipart/form-data">
            <label for="email">Email</label>
            <input type="email" id="email" name="email" required>

            <label for="password">Password</label>
            <input type="password" id="password" name="password" required>

            <input type="submit" value="login">
        </form>
        <p>don't have an account <a href="http://localhost/assign8/register.php">register</a></p>
    </div>
</body>
```

- **Alumni Registration:**

During alumni registration in the Training and Placements Cell portal, the user is required to enter their first name, last name, Roll No., email, passout year, and login password. The data entered during the registration process is then stored in the portal's database using an auto-incremented integer type id as the primary key for all tables. Once the form is submitted and validated, the data is stored in a MySQL table, and the Company is registered on the portal.

The code is as follows :

```
<?php
session_start();
function redirect($url)
{
    header('Location: '.$url);
    exit();
}
?>
```

```

<!DOCTYPE html>
<html>
<head>
  <title>Alumni Registration Form</title>
  <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
  <div class="container">
    <div class="form-container">
      <h1>Alumni Registration Form</h1>
      <form onsubmit="return validateForm()" , action="connect.php" method="post">
        <div class="form-group">
          <label for="firstName">First Name:</label>
          <input type="text" id="firstName" name="firstName" placeholder="Enter your first name" required>
        </div>
        <div class="form-group">
          <label for="lastName">Last Name:</label>
          <input type="text" id="lastName" name="lastName" placeholder="Enter your last name" required>
        </div>
        <div class="form-group">
          <label for="rollno">Roll number:</label>
          <input type="text" id="rollno" name="rollno" placeholder="Enter your Roll number" required>
        </div>
        <div class="form-group">
          <label for="email">Email Address:</label>
          <input type="email" id="email" name="email" placeholder="Enter your email address" required>
        </div>
        <div class="form-group">
          <label for="PassoutYear">Passout Year:</label>
          <input type="text" id="PassoutYear" name="PassoutYear" placeholder="Enter your Passout Year" required>
        </div>
        <div class="form-group">
          <label for="password">Password:</label>
          <input type="password" id="password" name="password" placeholder="Enter your password" required>
        </div>
        <div class="form-group">
          <label for="confirmPassword">Confirm Password:</label>
          <input type="password" id="confirmPassword" name="confirmPassword" placeholder="Re-enter your password" required>
        </div>
        <div class="form-group">
          <button type="submit">Submit</button>
          <h3>Already registered? </h3>
          <a href="login.php">Click here</a>
        </div>
      </form>
    </div>
  </div>
  <div class="form-group">
    <button type="submit">Submit</button>
    <h3>Already registered? </h3>
    <a href="login.php">Click here</a>
  </div>
</form>
</div>
<script>
  function validateForm() {
    const email = document.getElementById("email").value;
    const password = document.getElementById("password").value;
    const confirmPassword = document.getElementById("confirmPassword").value;
    if (!validateEmail(email)) {
      alert("Please enter a valid email address.");
      return false;
    }
    if (!checkPasswordStrength(password)) {
      alert("Please enter a stronger password.");
      return false;
    }
    if (password !== confirmPassword) {
      alert("Passwords do not match.");
      return false;
    }
    return true;
  }
  function validateEmail(email) {
    const regex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
    return regex.test(email);
  }
  function checkPasswordStrength(password) {
    const regex = /^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)(?=.*[!@#%&*()_+~`{}[\V\\;:\'\<,>.\V?~])([A-Za-z\d!@#%&*()_+~`{}[\V\\;:\'\<,>.\V?~]{8,})$/;
    return regex.test(password);
  }
</script>
</div>
</body>
</html>

```



- **Alumni Login:**

In the alumni login section of the Training and Placements Cell portal, the user is required to enter their email and password to access their account. Once logged in, the user is redirected to a dashboard where they can add their past experiences in various companies.

The code is as follows :

```
<!DOCTYPE html>
<html>
  <head>
    <title>Company Login Page</title>
    <link rel="stylesheet" type="text/css" href="style.css">
  </head>
  <body>
    <div class="container">
      <div class="form-container">
        <h1>Company Login Page</h1>
        <form method="POST" action="CompanyVerification.php">
          <div class="form-group">
            <label for="email">Email:</label>
            <input type="email" id="email" name="email" placeholder="Enter your email id" required>
          </div>
          <div class="form-group">
            <label for="password">Password:</label>
            <input type="text" id="password" name="password" placeholder="Enter your password" required>
          </div>
          <div class="form-group">
            <button type="submit">Submit</button>
          </div>
        </form>
      </div>
    </div>
  </body>
</html>
```

- **Company Registration :**

The registration form includes input fields for Company Name, HR name, HR contact number, email address, Recruiting Since, and password. Upon form submission, the PHP script handles the validation and data storage process. The registration data is then saved in a MySQL table using an auto incremented id as the primary key. This process enables a smooth and efficient registration of Companies on the portal.

```
<?php
session_start();
function redirect($url)
{
    header('Location: '.$url);
    exit();
}
?>
<!DOCTYPE html>
<html>
  <head>
    <title>Company Registration Form</title>
    <link rel="stylesheet" type="text/css" href="style.css">
  </head>
  <body>
    <div class="container">
      <div class="form-container">
        <h1>Company Registration Form</h1>
        <form onsubmit="return validateForm()" , action="CompanyRegister.php" method="post">
          <div class="form-group">
            <label for="CompanyName">Company Name:</label>
            <input type="text" id="CompanyName" name="CompanyName" placeholder="Enter your Company name" required>
          </div>
```

```

        <input type="text" id="CompanyName" name="CompanyName" placeholder="Enter your Company name" required>
    </div>
    <div class="form-group">
        <label for="HRName">HR name:</label>
        <input type="text" id="HRName" name="HRName" placeholder="Name of POC" required>
    </div>
    <div class="form-group">
        <label for="HRContact">HR contact number:</label>
        <input type="text" id="HRContact" name="HRContact" placeholder="Contact nuber of HR" required>
    </div>
    <div class="form-group">
        <label for="email">Email Address:</label>
        <input type="email" id="email" name="email" placeholder="Enter your email address" required>
    </div>
    <div class="form-group">
        <label for="RecruitingSince">Recruiting Since:</label>
        <input type="text" id="RecruitingSince" name="RecruitingSince" placeholder="Since when are you recruiting from IITP" required>
    </div>
    <div class="form-group">
        <label for="password">Password:</label>
        <input type="password" id="password" name="password" placeholder="Enter your password" required>
    </div>
    <div class="form-group">
        <label for="confirmPassword">Confirm Password:</label>
        <input type="password" id="confirmPassword" name="confirmPassword" placeholder="Re-enter your password" required>
    </div>
    <div class="form-group">
        <button type="submit">Submit</button>
        <h3>Already registered? </h3>
        <a href="Companylogin.php">Click here</a>
    </div>
</form>
</div>

<script>
function validateForm() {
    const email = document.getElementById("email").value;
    const password = document.getElementById("password").value;
    const confirmPassword = document.getElementById("confirmPassword").value;
    if (!validateEmail(email)) {
        alert("Please enter a valid email address.");
        return false;
    }
    if (!checkPasswordStrength(password)) {
        alert("Please enter a stronger password.");
        return false;
    }
    if (password !== confirmPassword) {
        alert("Passwords do not match.");
        return false;
    }
    return true;
}
function validateEmail(email) {
    const regex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
    return regex.test(email);
}
function checkPasswordStrength(password) {
    const regex = /^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)(?=.*[!@#%&*()_+~`]{1}[\[\]\|\;\:\'\<>,\.\ \/?-]{8,})$/;
    return regex.test(password);
}
</script>
</div>
</body>
</html>

```

- **Company Login:**

The company login process requires the user to enter their email address and password. Once logged in, the user is redirected to a page where they can view their company details and manage job profiles for students. The job profiles can be added or removed as needed.

```
<!DOCTYPE html>
<html>
  <head>
    <title>Company Login Page</title>
    <link rel="stylesheet" type="text/css" href="style.css">
  </head>
  <body>
    <div class="container">
      <div class="form-container">
        <h1>Company Login Page</h1>
        <form method="POST" action="CompanyVerification.php">
          <div class="form-group">
            <label for="email">Email:</label>
            <input type="email" id="email" name="email" placeholder="Enter your email id" required>
          </div>
          <div class="form-group">
            <label for="password">Password:</label>
            <input type="text" id="password" name="password" placeholder="Enter your password" required>
          </div>
          <div class="form-group">
            <button type="submit">Submit</button>
          </div>
        </form>
      </div>
    </div>
  </body>
</html>
```

- **Admin login :**

The administrator has access to the entire database as well as control over the users who are registering on the portal. Admin can delete or modify any details if needed.

The code is as follows :

## Student Portal :

The student Portal consists of registration page, dashboard page, details update page and several queries for the student.

### Justifications for each action :

- 8 tables for courses which will contain courses for each specialization(course credit and CCode)
- 8 tables for semester marks which will store marks for each roll number in each course obtained in that particular semester
- new table is prevented for storing marks and courses for each specialization as branches can grow enormously so as tables.
- Login details of each student are stored in a separate table storing email pass and roll number having roll as primary key and email unique
- A separate login table is made for student as student will frequently login into the portal so to avoid unnecessary fetching of attributes which can be a heavy operation if table is large and which are not needed in login process only a table having enough attributes for login is used
- A table is made to keep a track of placed students. The particular table can be used by administrator after the placement season is over to convert students into ALUMNI.
- It has Roll number, CTC, company name, year and specialization along with branch. Branch and year are kept in this table for using the records later for statistical point of view
- Name, Roll\_Number, Age, Specialization, Interest, Passing\_Year, tenth, twelfth, CPI, transcript, Back, Gender are used as attributes in student\_details table to keep all the details that may be needed by a company to filter student. That's why only the star things are kept in this table to avoid joins in company portal for deriving eligibility.
- Also the student portal shows current placement status of a student and the packages offered by top 3 companies in the placement season of that particular year.
- Company wise and branch wise statistics can be seen by a student on the portal to know the hiring history of a company
- As while filling academic details errors can always be there so details can be updated any number of times and also individual grades can be updated any number of times as someone may get a F grade first but may have improved the grade to maybe CD (F grade will be retained).
- Roll\_Number is the primary key in student\_login and foreign key to student\_details and student\_placed table to avoid any discrepancy in data.

## Registration Page :

```
function myAlert($msg, $url){
    echo '<script language="javascript">alert("'.$msg.'");</script>';
    echo "<script>document.location = '$url'</script>";
}

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $conn = mysqli_connect("localhost","root","","iitp_tpc");
    // validate first name
    $error = 0;
    $first_name = test_input($_POST["Name"]);
    // check if first name only contains letters and whitespace
    if (!preg_match("/^[a-zA-Z ]*$/",$first_name)) {
        $error = 1;
        myAlert("Only letters and white space allowed in name", "index.php");
    }
    $email = test_input($_POST["email"]);
    //email already registered
    $sql = "select * from student_login where Email = '$email'";
    $result = mysqli_query($conn,$sql);
    if (mysqli_num_rows($result) > 0) {
        $error = 1;
        myAlert("Email already registered. Please login.", "index.php");
    }
    $rollno = test_input($_POST["Rollno"]);
    $sql = "select * from student_login where Roll_Number = '$Rollno'";
    $result = mysqli_query($conn,$sql);
    if (mysqli_num_rows($result) > 0) {
        $error = 1;
        myAlert("Student already registered. Please login.", "index.php");
    }
    $Name = $_POST["Name"];
    $password = $_POST["password"];
    $confirm_password = $_POST["confirmPassword"];
    $age = $_POST["Age"];
    $branch = $_POST["branch"];
    $passout = $_POST["PassoutYear"];
    $Interest = $_POST["Interest"];
    $gender = $_POST["gender"];
    if($error == 0){
        $query1 = "insert into student_login values('$Rollno','$email','$password')";
        $query2 = "insert into student_placed(Roll_Number,Year) values('$Rollno','$passout')";
        $query = "insert into Student_details(Name,Roll_Number,Age,Specialization,Interest,Passing_Year,Gender) values('$Name','$Rollno','$age','$branch','$Interest','$passout'";
        $result1 = mysqli_query($conn,$query1);
        $result2 = mysqli_query($conn,$query2);
        $result = mysqli_query($conn,$query);
        if ($result && $result1) {
            myAlert("Account Successfully Registered!", "dashboard.php");
        } else {
            echo "<script>alert('Something went wrong!')</script>";
        }
    }
}

// function to sanitize user input
function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
?>
```

**Academic details updating page:** The student needs to add/modify his/her academic details once registration is done. This is a mandatory step in order to check for accessing any of the queries. The academic details include the grades for every course that the student has completed during his graduation and the scores of 10<sup>th</sup> and 12<sup>th</sup> classes.

```
<body>
<div class="container">

<div class="form-container">
<h1>Academic details Form</h1>
<form onsubmit="return submitForm(this);" action="academic.php" method="post" enctype="multipart/form-data">
<div class="form-group">
<label for="tenth">Tenth Percentage:</label>
<input type="number" id="tenth" name="tenth" placeholder="Enter your Tenth class percentage" step="any" required>
</div>
<div class="form-group">
<label for="twelfth">Twelfth percentage:</label>
<input type="number" id="twelfth" name="twelfth" placeholder="Enter your Twelfth class percentage" step="any" required>
</div>
<div class="form-group">
<label for="cpi">CPI:</label>
<input type="number" id="cpi" name="cpi" placeholder="Enter your current CPI" step="any" required>
</div>
<div class="form-group">
<label for="back">Have you repeated any course:</label>
<select id="back" name="back">
<option value=0>NO</option>
<option value=1>YES</option>
</select>
</div>
<div class="form-group">
<label for="pdfFile">Upload transcript(Format - RollNumber_transcript.pdf):</label>
<input type="file" name="pdfFile" id="pdfFile" required><br>
</div>
<div class="form-group">
<button type="submit">Submit</button>
</div>
</form>
</div>

<script src="sweetalert.min.js"></script>
<script>
function submitForm(form) {
swal({
title: "Are you sure?",
text: "Please make sure that all the academic details are correct.Any discrepancies in future may lead to disqualification.",
icon: "warning",
buttons: true,
dangerMode: true,
})
.then(function (isOkay) {
if (isOkay) {
form.submit();
}
});
};
```

**Query 1 : To check company wise placement stats :** The student can check for various companies that've registered so far and the placement stats for each company. This is implemented in companystats.php

```
<body>
<div class="container">
<h1>View Placement Statistics</h1>
<form id="alumni-form" action="companystats.php" method="POST">
<label for="company">Select Company:</label>
<select name="company" id="company">
<?php
//Connect to database
$conn = mysqli_connect("localhost", "root", "", "iitp_tpc");
//Select company names from Company table
$result = mysqli_query($conn, "SELECT company_name FROM company_details");
//Output options for each company name
while ($row = mysqli_fetch_assoc($result)) {
    echo "<option value=\"" . $row["company_name"] . "\">" . $row["company_name"] . "</option>";
}
//Close database connection
mysqli_close($conn);
?>
</select>
<label for="year">Enter year:</label>
<input type="number" id="year" name="year" required>
<button type="submit">Submit</button>
</form>
</div>
<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
// Connect to the database
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "iitp_tpc";
$conn = mysqli_connect($servername, $username, $password, $dbname);
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}
// Get the input values from the form
$company = $_POST['company'];
$year = $_POST['year'];
// Retrieve the placement data from the database
$sql = "SELECT Year, count(Roll_Number) as count FROM student_placed WHERE Company = '$company' AND Year <= '$year' GROUP BY Year";
$result = mysqli_query($conn,$sql);
$dataPoints = array();
foreach ($result as $row) {
    $dataPoints[] = array(
        "label" => $row['Year'],
        "y" => $row['count']
    );
}
?>
<div id="chartContainer" style="height: 370px; width: 100%;"></div>
```

**Query 2 : Check eligibility for any company :** Students can check for which companies they are eligible and can apply for. It filters out the companies based on their minimum criteria and which are offering CTC higher than the student's current placement offer (if any).

```
<body>
<div class="container">
<h1>View Eligible Students</h1>
<form id="alumni-form" action="eligible.php" method="POST">
  <label for="company">Select Company:</label>
  <select name="company" id="company">
    <?php
      //Connect to database
      $conn = mysqli_connect("localhost", "root", "", "iitp_tpc");

      //Select company names from Company table
      $result = mysqli_query($conn, "SELECT company_name FROM company_details");

      //Output options for each company name
      while ($row = mysqli_fetch_assoc($result)) {
        echo "<option value=\"\" . $row[\"company_name\"] . \"\"> . $row[\"company_name\"] . "</option>";
      }
      //Close database connection
      mysqli_close($conn);
    ?>
  </select>
  <label for="Role">Select Role:</label>
  <form id="alumni-form" action="companies.php" method="POST">
  <select name="Role" id="Role">
    <option value="SDE">SDE</option>
    <option value="Management">Management</option>
    <option value="Finance">Finance</option>
    <option value="Core">Core</option>
    <option value="Others">Others</option>
  </select>
  <button type="submit">Submit</button>
</form>
<?php
session_start();
if ($_SERVER["REQUEST_METHOD"] == "POST") {
  // Connect to the database
  $servername = "localhost";
  $username = "root";
  $password = "";
  $dbname = "iitp_tpc";
  $conn = new mysqli($servername, $username, $password, $dbname);
  // Check connection
  if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
  }
}
```



```

$CompanyName = $_POST['company'];
$ProfileName = $_POST['Role'];
$query = "select id from company_details where company_name = '$CompanyName'";
$result = $conn->prepare($query);
$result->execute();
$res = $result->get_result();
$row = mysqli_fetch_assoc($res);
$c_id = $row["id"];
// Query the database for the user's information
$sql = "Select * from company_jobs where c_id = $c_id AND profile_name = ? LIMIT 1";
$stmt = $conn->prepare($sql);
$stmt->bind_param("s", $ProfileName);
$stmt->execute();
$result = $stmt->get_result();
$row = mysqli_fetch_assoc($result);
$mincpi = $row['min_cpi'];
$back = $row['back_allowed'];
$gender = $row['gender_specific'];
$branch = $row['branch_specialization'];

function redirect($url)
{
    header('Location: ' . $url);
    exit();
}

// Query the database for the user's information
$sql = "SELECT *
FROM student_details as b
WHERE ((? = 'Open') OR (? LIKE CONCAT('%', b.Specialization, '%')))
AND ((? = 'ForAll' AND (b.Gender = 'M' OR b.Gender = 'F')) OR (? = 'Only for girls' AND b.Gender = 'F'))
AND b.CPI > ?
AND (? = 1 OR b.back = 0)";
$stmt = $conn->prepare($sql);
$stmt->bind_param("ssssds", $branch, $branch, $gender, $gender, $mincpi, $back);
$stmt->execute();
$result = $stmt->get_result();
// Loop through the data and display it in cards
while ($row = $result->fetch_assoc()) {
    echo "<div class='company'>";
    echo "<h2>" . $row['Name'] . "</h2>";
    echo "<p><strong>Roll Number:</strong> " . $row['Roll_Number'] . "</p>";
    echo "<p><strong>Specialization:</strong> " . $row['Specialization'] . "</p>";
    echo "</div>";
}
}
?>
</div>

```

**Query 6 : Connect to Alumni :** The student can check if there's some Alumni working in, or has past experience with the company in which he/she wishes to apply for. Furthermore, the alumni's contact details will be provided so the student may contact him/her. Alumni can be filtered according to email, name, location or job profile if needed.

```
<!DOCTYPE html>
<html>
<head>
<title>Alumni Directory</title>
<link rel="stylesheet" type="text/css" href="alum.css">
</head>
<body>
<div class="container">
<h1>Alumni Directory</h1>
<form id="alumni-form" action="alumni.php" method="POST">
<label for="company">Select Company:</label>
<select name="company" id="company">
<?php
//Connect to database
$conn = mysqli_connect("localhost", "root", "", "iitp_tpc");
//Select company names from Company table
$result = mysqli_query($conn, "SELECT company_name FROM company_details");
//Output options for each company name
while ($row = mysqli_fetch_assoc($result)) {
    echo "<option value=\"" . $row["company_name"] . "\">" . $row["company_name"] . "</option>";
}
//Close database connection
mysqli_close($conn);
?>
</select>
<button type="submit">Submit</button>
</form>
</div>
<?php
if(isset($_POST['company'])) {
    $company = $_POST['company'];
    // Connect to the database
    $dbhost = 'localhost';
    $dbuser = 'root';
    $dbpass = '';
    $dbname = 'iitp_tpc';
    $conn = mysqli_connect($dbhost, $dbuser, $dbpass, $dbname);
    // Check connection
    if (!$conn) {
        die("Connection failed: " . mysqli_connect_error());
    }
    $query1 = "SELECT position,location,months_worked from alumni_company_details where company_name = '$company'";
    $result1 = mysqli_query($conn, $query1);
    // Query to get the alumni details from the database for the selected company
    $sql = "SELECT first_name, last_name, email FROM alumni_details WHERE id in (SELECT alumni_id from alumni_company_details where company_name = '$company')";
    $result = mysqli_query($conn, $sql);

    // Display the results in a table
    echo "<table>";
    echo "<tr><th>Alumni Name</th><th>Email</th><th>Months worked</th><th>position</th><th>location</th></tr>";
    while($row = mysqli_fetch_assoc($result)) {
        $row1 = mysqli_fetch_assoc($result1);
        echo "<tr>";
        echo "<td>".$row['first_name']." ".$row['last_name'].'</td>";
        echo "<td>".$row['email'].'</td>";
        echo "<td>".$row1['months_worked'].'</td>";
        echo "<td>".$row1['position'].'</td>";
        echo "<td>".$row1['location'].'</td>";
        echo "</tr>";
    }
    echo "</table>";
    // Close the database connection
    mysqli_close($conn);
}
?>
</body>
</html>
<script>
    var company = "<?php echo $company ?>";
    document.getElementById("company").value = company;
</script>
```

**Query 4 : Check registered companies for the season :** The administrator can check whichever companies have registered for the current or any other placement season. It has one parameter, i.e. the year of placement.

```
<body>
<h1>Companies</h1>
<div class="Cntr">
    <form id="company-form" action="compan.php" method="POST">
        <label for="year">Enter Placement year:</label>
        <input type="number" id="year" name="year" required>
        <button type="submit">Submit</button>
    </form>
</div>

<?php
function myAlert($msg, $url){
    echo '<script language="javascript">alert("'.$msg.'");</script>';
    echo "<script>document.location = '$url'</script>";
    }
    if ($_SERVER["REQUEST_METHOD"] == "POST") {
    // Connect to database
    $conn = mysqli_connect("localhost", "root", "", "iitp_tpc");
    $year = $_POST['year'];
    // Check connection
    if (!$conn) {
        die("Connection failed: " . mysqli_connect_error());
    }
    $curryear = date("Y");
    if($year != $curryear){
        $table = 'company_jobs_'.$year;
    }
    else{
        $table = 'company_jobs';
    }
    $query = "SELECT distinct c_id from $table";
    $result = mysqli_query($conn, $query);
    $count = mysqli_num_rows($result);
    if($count == 0){
        myAlert("Please Enter valid Placement year", "compan.php");
    }
    $count = mysqli_num_rows($result);
    echo '<h1>'. "Total Companies Registered in placement season ".$year.": ". $count.'</h1>';
    while ($row = mysqli_fetch_assoc($result)) {
        $id = $row["c_id"];
        $q = "select company_name,hr_name,hr_contact,email from company_details where id = '$id'";
        $r = mysqli_query($conn, $q);
        $r1 = mysqli_fetch_assoc($r);
        echo "<div class='company'>";
        echo "<h2>" . $r1['company_name'] . "</h2>";
        echo "<p><strong>HR Name:</strong> " . $r1['hr_name'] . "</p>";
        echo "<p><strong>HR Contact:</strong> " . $r1['hr_contact'] . "</p>";
        echo "<p><strong>Email:</strong> " . $r1['email'] . "</p>";
        echo "</div>";
    }
    mysqli_close($conn); // Close connection
```

**Query 5 : Company eligibility :** This query helps a student to browse through all the companies for which he/she can apply for placement. Also this can be filtered for various job profiles.

```
<body>
<h1>You Are Eligible to Apply in the following companies!</h1>
<div class="Cntn">
    <h1>Select Role you are looking for:</h1>
    <form id="alumni-form" action="companies.php" method="POST">
        <select name="Role" id="Role">
            <option value="SDE">SDE</option>
            <option value="Management">Management</option>
            <option value="Finance">Finance</option>
            <option value="Core">Core</option>
            <option value="Others">Others</option>
        </select>
        <button type="submit">Submit</button>
    </form>
</div>
<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
function myAlert($msg, $url){
    echo '<script language="javascript">alert("'.$msg.'");</script>';
    echo "<script>document.location = '$url'</script>";
}
session_start();
if (!isset($_SESSION['sess_user'])) {
    header("location: login.php");
}
$conn = mysqli_connect("localhost","root","","iitp_tpc");
$Rollno = $_SESSION['sess_user'];
// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}
$query = "SELECT * FROM student_details WHERE Roll_Number = '$Rollno'";
$rslt = mysqli_query($conn, $query);
$row = mysqli_fetch_array($rslt);
$cpi = $row["CPI"];
$back = $row["Back"];
$gender = $row["Gender"];
$branch = $row["Specialization"];
$batch = $row["Passing_Year"];
if(!$cpi){
    myAlert("Please upload academic details to view companies in which you are eligible.", "dashboard.php");
}
// Query to get companies
$role = $_POST["Role"];
$sql = "SELECT * FROM company_jobs where profile_name = '$role'";
$result = mysqli_query($conn, $sql);
```

```

// Check if there are any companies
if (mysqli_num_rows($result) > 0) {
    // Output each company's details
    while ($row = mysqli_fetch_assoc($result)) {
        $error = 0;
        if($row["min_cpi"] > $cpi){
            $error = 1;
        }
        if($row["back_allowed"] == "NO" && $back == 1){
            $error = 1;
        }
        if($row["gender_specific"] != "ForAll" && $gender == 'M'){
            $error = 1;
        }
        $br = $row["branch_specialization"];
        $rst = mysqli_query($conn,"select locate('$branch','$br',1) as loc");
        $r5 = mysqli_fetch_assoc($rst);
        if($r5["loc"] == 0){
            $error = 1;
        }
        $company_ctc = $row["CTC"];
        $sql2 = "select * from student_placed where Roll_Number = '$Rollno'";
        $rs1 = mysqli_query($conn,$sql2);
        if (mysqli_num_rows($rs1) > 0) {
            $row1 = mysqli_fetch_array($rs1);
            $ctc = $row1["Annual_CTC"];
            if($company_ctc <= $ctc){
                $error = 1;
            }
        }
        if($error == 0){
            $cid = $row["c_id"];
            $q = "select company_name from company_details where id = '$cid'";
            $r = mysqli_query($conn, $q);
            $r1 = mysqli_fetch_assoc($r);
            $company = $r1["company_name"];
            echo "<div class='company'>";
            echo "<h2>" . $company . "</h2>";
            echo "<p><strong>CTC:</strong> " . $row['CTC'] . " LPA</p>";
            echo "<p><strong>Job Location:</strong> " . $row['job_location']. "</p>";
            echo "</div>";
        }
    }
} else {
    echo "No companies found.";
}

// Close connection
mysqli_close($conn);
}

```



## Company Portal:

Company Portal consists of Registration page, Login page, Job profiles page and several queries for the user.

### Justifications for Company page :

Company details contains all the info of companies, company\_id is the primary key and all other info being stored according to attributes mentioned in ER diagram. Name of hr and his/her contact number are also stored as POC (Point of contact). companyjobs table stores the jobs offered by different companies. As in one placement season, one company offers multiple jobs, but broadly classified into 5 categories (SDE, Management, Finance, Core, others), The combination of companyid and profilename serves as primary key for this table.

The reason why 2 tables are used is because When every company wants to check the list of eligible candidates according to the cutoffs and conditions set by them, we want to access attributes that are in companyjobs table, unnecessarily searching through companydetails data was reducing efficiency and also not good in the long run. Hence, dividing the table into 2 was a necessary step.

- **Registration Page :**

Registration page for each company requires mandatory details including Company name, HR name, HR contact, email and password. Provision for updating HR details for every company is available.

```
<!DOCTYPE html>
<html>

<head>
  <title>Company Registration Form</title>
  <link rel="stylesheet" type="text/css" href="style.css">
</head>

<body>
  <?php
    $check1;
    $check2;
    function redirect($url)
    {
      header('Location: ' . $url);
      exit();
    }
    $CompanyName = $_POST['CompanyName'];
    $Password = $_POST['password'];
    $Email = $_POST['email'];
    $RecruitingSince = $_POST['RecruitingSince'];
    $HRName = $_POST['HRName'];
    $HRContact = $_POST['HRContact'];
    mysqli_report(MYSQLI_REPORT_OFF);
    $conn = new mysqli('localhost', 'root', '', 'iitp_tpc');
    if ($conn->connect_error) {
      die('Connection Failed :' . $conn->connect_error);
    } else {
      $stmt = $conn->prepare("insert into company_details (company_name,hr_name,hr_contact,email,password,recruiting_since) values(?,?,?,?,?,?)");
      $stmt->bind_param("ssisss", $CompanyName, $HRName, $HRContact, $Email, $Password, $RecruitingSince);
      $stmt->execute();
      $stmt->close();
      $conn->close();
      redirect('Companylogin.php');
    }
  <?>
</body>
</html>
```

- **Company Dashboard :**

Company dashboard includes company details, logout option, details updation option. The user can execute several queries such as checking eligible students for the company, their employees who were earlier a student of IIT Patna. Also they can sort students based on their gender, CPI, High school grades etc. The user can also update and forward the list of students selected placed in their company to the TPC administrator. The Admin contact is available as well so that if any assistance is required, suitable action could be taken.

```
<?php
// Start session to access logged in user's information
session_start();

// Check if user is logged in
if (!isset($_SESSION['loggedin']) || $_SESSION['loggedin'] !== true) {
    // Redirect user to login page
    echo "NOT LOGGED IN";
    header("Location: login.php");
    exit();
}

$servername = "localhost";
$username = "root";
$password = "";
$dbname = "iitp_tpc";
$conn = new mysqli($servername, $username, $password, $dbname);
// Retrieve user's first name and last name from database
$user_id = $_SESSION['user_id'];
$result = $conn->query("SELECT * FROM company_details WHERE id = '$user_id'");
$row = $result->fetch_assoc();
$_SESSION['company_name'] = $row['company_name'];
$_SESSION['hr_name'] = $row['hr_name'];
$_SESSION['hr_contact'] = $row['hr_contact'];
$_SESSION['email'] = $row['email'];
$_SESSION['password'] = $row['password'];
$_SESSION['id'] = $row['id'];

// Close database connection
$conn->close();
?>
</html>
-->
<!DOCTYPE html>
<html style="font-size: 16px;" Lang="en">

<head>
    <title>Home</title>
    <link rel="stylesheet" href="nicepage.css" media="screen">
    <link rel="stylesheet" href="home.css" media="screen">
    <script class="u-script" type="text/javascript" src="jquery.js" defer=""></script>
    <script class="u-script" type="text/javascript" src="nicepage.js" defer=""></script>
    <link id="u-theme-google-font" rel="stylesheet" href="https://fonts.googleapis.com/css?family=Roboto:100,100i,300,300i,400,400i,500,500i,700,700i,900,900i|Open+Sans:300,300i,400,400i">
    <link id="u-page-google-font" rel="stylesheet" href="https://fonts.googleapis.com/css?family=Ubuntu:300,300i,400,400i,500,500i,700,700i">
</head>
```





- **Company Job Profiles :**

Companies can select Job profiles which will be helpful for students as well as for them for sorting out students based on specialization.

```
<body>
  <div class="container">
    <div class="form-container">
      <h1>Job Opening Form</h1>
      <form action="JobOpening.php" method="post">
        <div class="form-group">
          <label for="ProfileName">Profile Name:*</label>
          <select name="ProfileName" id="ProfileName">
            <option value="SDE">SDE</option>
            <option value="Finance">Finance</option>
            <option value="Management">Management</option>
            <option value="Core">Core</option>
            <option value="Others">Others</option>
          </select>
        </div>
        <div class="form-group">
          <label for="JobDescription">Job Description:</label>
          <input type="text" id="JobDescription" name="JobDescription" placeholder="Enter Job Description">
        </div>
        <div class="form-group">
          <label for="JobLocation">Job Location:</label>
          <input type="text" id="JobLocation" name="JobLocation" placeholder="Where will selected candidate work? (Not compulsory)">
        </div>
        <div class="form-group">
          <label for="MinCPI">Minimum CPI required:</label>
          <input type="text" id="MinCPI" name="MinCPI" placeholder="What should be the candidate's minimum CPI? required">
        </div>
        <div class="form-group">
          <label for="Sp">Back allowed?:*</label>
          <select name="BackAllowed" id="BackAllowed" required>
            <option value="YES">Yes</option>
            <option value="NO">No</option>
          </select>
        </div>
        <div class="form-group">
          <label for="GenderSpecific">Gender Specific?:*</label>
          <select name="GenderSpecific" id="GenderSpecific" required>
            <option value="ForAll">Open for all</option>
            <option value="Girls">Only for girls</option>
          </select>
        </div>
        <div class="form-group">
          <label for="BranchSpecialization">Branch Specialization ?:</label>
          <select name="BranchSpecialization[]" id="BranchSpecialization" multiple required>
            <option value="Open">Open for all</option>
            <option value="CSE">Computer Science and Engineering</option>
            <option value="EEE">Electrical and Electronics Engineering</option>
            <option value="MNC">Maths and Computing</option>
            <option value="AI/DS">Artificial Intelligence and Data Science</option>
            <option value="PH">Engineering Physics</option>
            <option value="MME">Material and Metallurgical Engineering</option>
            <option value="ME">Mechanical Engineering</option>
            <option value="CE">Civil Engineering</option>
            <option value="CH">Chemical Engineering</option>
          </select>
        </div>
        <div class="form-group">
          <label for="Batch">Batch:*</label>
          <input type="text" id="Batch" name="Batch" placeholder="Enter eligible batch" required>
        </div>
        <div class="form-group">
          <label for="CTC">CTC (in LPA):</label>
          <input type="text" id="CTC" name="CTC" placeholder="Enter the CTC being offered">
        </div>
        <div class="form-group">
          <button type="submit">Submit</button>
        </div>
      </form>
    </div>
  </div>
</body>
```

## Company details updation page :

```
<?php
session_start();
$firstname = $_SESSION['first_name'];
$lastname = $_SESSION['last_name'] ;
$email = $_SESSION['email'];
$password = $_SESSION['password'] ;
$id = $_SESSION['id'] ;
$rollno = $_SESSION['rollno'];

$companyname = $_SESSION['company_name'];
$hrname = $_SESSION['hr_name'];
$hrcontact = $_SESSION['hr_contact'];
$email = $_SESSION['email'];
$password = $_SESSION['password'];
$id = $_SESSION['id'];
?>

<!DOCTYPE html>
<html>

<head>
    <title>Update Details page</title>
    <link rel="stylesheet" type="text/css" href="style.css">
</head>

<body>
<div class="container">
    <h1>Update information</h1>
    <form method="POST" action="UpdateCompanyTable.php">
        <div class="form-group">
            <label for="hr-name-input">HR Name:</label>
            <input type="text" id="hr-name-input" name="hr-name-input">
        </div>
        <div class="form-group">
            <label for="hr-contact-input">HR Contact:</label>
            <input type="text" id="hr-contact-input" name="hr-contact-input" >
        </div>
        <div class="form-group">
            <label for="email-input">Email:</label>
            <input type="text" id="email-input" name="email-input" >
        </div>
        <div class="form-group">
            <label for="Password-input">Password:</label>
            <input type="password" id="Password-input" name="Password-input" >
        </div>
        <div class="form-group">
            <button type="submit">Update</button>
        </div>
    </div>
</form>
</div>
<script>
var hrname = "<?php echo $hrname ?>";
var hrcontact = "<?php echo $hrcontact ?>";
var email = "<?php echo $email ?>";
var password = "<?php echo $password ?>";
// Set the input field values to the user info
document.getElementById("hr-name-input").value = hrname;
document.getElementById("hr-contact-input").value = hrcontact;
document.getElementById("email-input").value = email;
document.getElementById("Password-input").value = password;
</script>

</body>
</html>
```

## Queries :

- 1) **Check student eligibility** : Eligible candidates page Allows company to filter all the students in the college based on criteria set by them. Further, the company can filter candidates based on different criterias like CPI, 10th marks, 12th marks. Gender, etcetera. All of this is done by using correct queries and executing them keeping in mind that the database does not become redundant and can be used for long time.

```
<?php
session_start();
$CompanyName = $_SESSION['company_name'];
$ProfileName = $_POST['ProfileName'];
$c_id = $_SESSION['id'];
// Connect to the database
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "iitp_tpc";
$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
// Query the database for the user's information
$sql = "Select * from company_jobs where c_id = $c_id AND profile_name = ? LIMIT 1";
$stmt = $conn->prepare($sql);
$stmt->bind_param("s", $ProfileName);
$stmt->execute();
$result = $stmt->get_result();
$row = mysqli_fetch_assoc($result);
$mincpi = $row['min_cpi'];
$back = $row['back_allowed'];
$gender = $row['gender_specific'];
$batch = $row['Batch'];
$branch = $row['branch_specialization'];
$conn->close();
?>

<!DOCTYPE html>
<html>

<head>
    <title>Eligible Candidates</title>
    <link rel="stylesheet" type="text/css" href="styleTable.css">
</head>
```

```

<body>
  <div class="container">
    <table>
      <thead>
        <tr>
          <th>Name</th>
          <th>Roll Number</th>
          <th>Specialization</th>
          <th>CPI</th>
          <th>Tenth Marks</th>
          <th>Twelfth Marks</th>
          <th>Back</th>
          <th>Gender</th>
          <th>Age</th>
        </tr>
      </thead>
      <tbody>
        <?php
          function redirect($url)
          {
            header('Location: ' . $url);
            exit();
          }

          $CompanyName = $_SESSION['company_name'];
          // Connect to the database
          $servername = "localhost";
          $username = "root";
          $password = "";
          $dbname = "iitp_tpc";
          $conn = new mysqli($servername, $username, $password, $dbname);

          // Check connection
          if ($conn->connect_error) {
            die("Connection failed: " . $conn->connect_error);
          }

          // Query the database for the user's information
          $sql = "SELECT *
FROM student_details as b
WHERE ((? = 'Open') OR (? LIKE CONCAT('%', b.Specialization, '%'))))
AND ((? = 'ForAll' AND (b.Gender = 'Male' OR b.Gender = 'Female')) OR (? = 'Only for girls' AND b.Gender = 'Female'))
AND b.CPI > ?
AND b.Passing_Year = ?
AND (? = 'YES' OR b.back = 'No')";

          $stmt = $conn->prepare($sql);
          $stmt->bind_param("ssssdis", $branch, $branch, $gender, $gender, $mincpi, $batch, $back);
          $stmt->execute();
          $result = $stmt->get_result();
          while ($row = $result->fetch_assoc()) {
            echo '<tr>';

            echo '<td>' . $row['Name'] . '</td>';
            echo '<td>' . $row['Roll_Number'] . '</td>';
            echo '<td>' . $row['Specialization'] . '</td>';
            echo '<td>' . $row['CPI'] . '</td>';
            echo '<td>' . $row['tenth'] . '</td>';
            echo '<td>' . $row['twelfth'] . '</td>';
            echo '<td>' . $row['Back'] . '</td>';
            echo '<td>' . $row['Gender'] . '</td>';
            echo '<td>' . $row['Age'] . '</td>';
            echo '</tr>';

          }

          $conn->close();
        <?>
      </tbody>
    </table>
  </div>
</body>
</html>

```

## Query 2: To specify any new job openings :

```
<?php
session $_SESSION
$id = $_SESSION['id'];
function redirect($url)
{
    header('Location: '.$url);
    exit();
}
$ProfileName = $_POST['ProfileName'];
$JobDescription = $_POST['JobDescription'];
$JobLocation = $_POST['JobLocation'];
$MinCPI = $_POST['MinCPI'];
$BackAllowed = $_POST['BackAllowed'];
$GenderSpecific = $_POST['GenderSpecific']; //int
$CTC = $_POST['CTC'];
$Batch = $_POST['Batch'];
if (isset($_POST['BranchSpecialization']) && !empty($_POST['BranchSpecialization']))
{
    $BranchSpecialization = $_POST['BranchSpecialization'];
    $comma_separated_values = implode(",", $BranchSpecialization);
}
else $comma_separated_values = 'NULL';
mysqli_report(MYSQLI_REPORT_OFF);
$conn = new mysqli('localhost','root','','iitp_tpc');
if($conn->connect_error)
{
    die('Connection Failed :'. $conn->connect_error);
}
else{
$stmt = $conn->prepare("insert into company_jobs (c_id,profile_name,job_description,job_location,min_cpi,back_allowed,gender_specific,Batch,CTC,branch_specialization) values(?,?,?,?,?,?,?,?)");
$stmt->bind_param("issdssds",$id,$ProfileName,$JobDescription,$JobLocation,$MinCPI,$BackAllowed,$GenderSpecific,$Batch,$CTC,$comma_separated_values);
if (!$stmt->execute()) {
    die("Error: " . $stmt->error);
}
redirect('Companydashboard.php');
$stmt->close();
$conn->close();
}>
```

Query 3 : To check grades of individual students :

```
<?php

function help($name, $sem)
{
    echo "Sem1 Courses";
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "iitp_tpc";
    $conn = new mysqli($servername, $username, $password, $dbname);

    // Check connection
    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }
    $sql = "Select * from sem1_courses where Specialization = ?";
    $stmt = $conn->prepare($sql);
    $stmt->bind_param("s", $name);
    $stmt->execute();
    $result = $stmt->get_result();
    while ($row = $result->fetch_assoc()) {
        echo '<tr>';
        echo '<td> 1 </td>';
        echo '<td>' . $row['Course'] . '</td>';
        echo '<td>' . $row['Credit'] . '</td>';
        echo '<td>' . $row['CCode'] . '</td>';
        echo '</tr>';
    }
    $sql = "Select * from sem2_courses where Specialization = ?";
    $stmt = $conn->prepare($sql);
    $stmt->bind_param("s", $name);
    $stmt->execute();
    $result = $stmt->get_result();
    while ($row = $result->fetch_assoc()) {
        echo '<tr>';
        echo '<td> 2 </td>';
        echo '<td>' . $row['Course'] . '</td>';
        echo '<td>' . $row['Credit'] . '</td>';
        echo '<td>' . $row['CCode'] . '</td>';
        echo '</tr>';
    }
    $sql = "Select * from sem3_courses where Specialization = ?";
    $stmt = $conn->prepare($sql);
    $stmt->bind_param("s", $name);
    $stmt->execute();
    $result = $stmt->get_result();
    while ($row = $result->fetch_assoc()) {
        echo '<tr>';
        echo '<td> 3 </td>':
```

```

        echo '<td>' . $row['Course'] . '</td>';
        echo '<td>' . $row['Credit'] . '</td>';
        echo '<td>' . $row['CCode'] . '</td>';
        echo '</tr>';
    }
}
?>
<!DOCTYPE html>
<html>

<head>
    <title>Dashboard</title>
    <link rel="stylesheet" type="text/css" href="style6.css">
</head>

<body>
    <div class="container">
        <h1>Enter Branch to know courses</h1>
        <form method="post">
            <div class="form-group">
                <label for="Branch">Enter Branch:</label>
                <select name="Branch" id="Branch" required>
                    <option value="CSE">Computer Science and Engineering</option>
                    <option value="EEE">Electrical and Electronics Engineering</option>
                    <option value="MNC">Maths and Computing</option>
                    <option value="AI/DS">Artificial Intelligence and Data Science</option>
                    <option value="PH">Engineering Physics</option>
                    <option value="MME">Material and Metallurgical Engineering</option>
                    <option value="ME">Mechanical Engineering</option>
                    <option value="CE">Civil Engineering</option>
                    <option value="CH">Chemical Engineering</option>
                </select>
                <div class="form-group">
                    <button type="submit">Submit</button>
                </div>
                <a href="SeeMarks.php">See marks</a>
            </div>
        </form>
    </div>
    <div class="container1">
        <table>
            <thead>
                <tr>
                    <th>Semester</th>
                    <th>Course</th>
                    <th>Credit</th>
                    <th>CCode</th>
                </tr>
            </thead>
        </table>
    </div>
</body>
</html>

```

```

        <th>Semester</th>
        <th>Course</th>
        <th>Credit</th>
        <th>CCode</th>
    </tr>
</thead>
<tbody>
    <?php
        session_start();
        // Connect to the database
        $servername = "localhost";
        $username = "root";
        $password = "";
        $dbname = "iitp_tpc";
        $conn = new mysqli($servername, $username, $password, $dbname);

        // Check connection
        if ($conn->connect_error) {
            die("Connection failed: " . $conn->connect_error);
        }
        if ($_SERVER["REQUEST_METHOD"] == "POST") {
            // collect value of input field
            $name = htmlspecialchars($_REQUEST['Branch']);
            $sem = 'sem1_courses';
            help($name, $sem);
        }
    </?php>
</tbody>
</table>
</div>
</body>
</html>

```



#### Query 4 : Check academic details of students :

```
<body>
<div class="container">
  <h1>See Student Grades</h1>
  <form method="post">
    <div class="form-group">
      <label for="RollNo">Roll No:</label>
      <input type="text" id="RollNo" name="RollNo" placeholder="Enter student's Roll Number" required>
    </div>
    <div class="form-group">
      <label for="CourseName">Course Name:</label>
      <input type="text" id="CourseName" name="CourseName" placeholder="Enter course name" required>
    </div>
    <div class="form-group">
      <button type="submit">Submit</button>
    </div>
  </form>
</div>
<?php
    session_start();
    // Connect to the database
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "iitp_tpc";
    $conn = new mysqli($servername, $username, $password, $dbname);

    // Check connection
    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }
    if ($_SERVER["REQUEST_METHOD"] == "POST") {
        // collect value of input field
        $RollNo = htmlspecialchars($_REQUEST['RollNo']);
        $Course = htmlspecialchars($_REQUEST['CourseName']);
        $sql = "Select * from sem1_marks where Course = ? AND Roll = ?";
        $stmt = $conn->prepare($sql);
        $stmt->bind_param("ss", $Course, $RollNo);
        $stmt->execute();
        $result = $stmt->get_result();
        $row = $result->fetch_assoc();
        $num = $row['Marks'];
        echo '<p style="text-align:center; font-weight:bold; position:absolute; top:15%; right: 49%;font-size:24px;color:#FE7062;"> Grade: ' . $num . '</p>';
    }
  >
</body>
```

### Query 5 : Check alumni from the same company :

Companies can see the list of students who studied IIT Patna and at some point of time have worked in their institution. This helps them in understanding the quality of students of our institution.

```
<html>

<head>
  <title>Dashboard</title>
  <link rel="stylesheet" type="text/css" href="style5.css">
</head>
<body>
<div class="card-deck">
<?php
session_start();
function redirect($url)
{
    header('Location: '.$url);
    exit();
}
$CompanyName = $_SESSION['company_name'];
// Connect to the database
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "iitp_tpc";
$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
// Query the database for the user's information
$sql = "SELECT * FROM alumni_company_details as a natural join alumni_details as b WHERE company_name = '$CompanyName' AND a.alumni_id = b.id";
$result = $conn->query($sql);
// Loop through the data and display it in cards
while ($row = mysqli_fetch_assoc($result)) {
    echo '<div class="card">';
    echo '<div class="card-body">';
    echo '<h5 class="card-title">' . $row['first_name'] . " " . $row['last_name'] . '</h5>';
    echo '<p class="card-text"> Position: ' . $row['position'] . '</p>';
    echo '<p class="card-text"> Location: ' . $row['location'] . '</p>';
    echo '<p class="card-text"> Email: ' . $row['email'] . '</p>';
    echo '<p class="card-text"> Roll no: ' . $row['roll_no'] . '</p>';
    echo '</div>';
    echo '</div>';
}

$conn->close();
?>

</div>
</body>
</html>
```

**Query 6 : Update list of selected students :**

```

<!DOCTYPE html>
<html>

<head>
    <title>Enter Selected Candidates </title>
    <link rel="stylesheet" type="text/css" href="style.css">
</head>

<body>
    <div class="container">
        <div class="form-container">
            <h1>Enter Selected Candidates </h1>
            <form method="POST">
                <div class="form-group">
                    <label for="RollNo">Roll Number:</label>
                    <input type="text" id="RollNo" name="RollNo" placeholder="Enter Roll number of selected candidate" required>
                </div>
                <div class="form-group">
                    <label for="ProfileName">Profile Name:</label>
                    <select name="ProfileName" id="ProfileName">
                        <option value="SDE">SDE</option>
                        <option value="Finance">Finance</option>
                        <option value="Management">Management</option>
                        <option value="Core">Core</option>
                        <option value="Others">Others</option>
                    </select>
                </div>
                <div class="form-group">
                    <label for="CTC">CTC:</label>
                    <input type="text" id="CTC" name="CTC" placeholder="Enter CTC" required>
                </div>
                <div class="form-group">
                    <button type="submit">Submit</button>
                </div>
            </div>
        </div>
    </form>
</body>

```

```

</html>
<?php
function redirect($url)
{
    header('Location: '.$url);
    exit();
}

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    // collect value of input field
    $RollNo = htmlspecialchars($_REQUEST['RollNo']);
    $ProfileName = htmlspecialchars($_REQUEST['ProfileName']);
    $CTC = htmlspecialchars($_REQUEST['CTC']);
    session_start();
    mysqli_report(MYSQLI_REPORT_OFF);
    $conn = new mysqli('localhost','root','','iitp_tpc');
    if($conn->connect_error)
    {
        die('Connection Failed :'. $conn->connect_error);
    }
    else{
        $stmt = $conn->prepare("Select Name from student_details where Roll_Number = ?");
        $stmt->bind_param("s",$RollNo);
        if (!$stmt->execute()) {
            die("Error: " . $stmt->error);
        }
        $result = $stmt->get_result();
        $row = mysqli_fetch_assoc($result);
        $StudentName = $row['Name'];
        $CompanyName = $_SESSION['company_name'];
        $stmt = $conn->prepare("insert into job_offered (roll_no,name,company_name,CTC,Profile) values(?,?,?,?,?)");
        $stmt->bind_param("sssss",$RollNo,$StudentName,$CompanyName,$CTC,$ProfileName);
        if (!$stmt->execute()) {
            die("Error: " . $stmt->error);
        }
        redirect('EnterSelected.php');
        $stmt->close();
        $conn->close();
    }
}
?>

```

## Alumni Portal:

- **Alumni dashboard :**

The alumni dashboard consists of Alumni's personal details including first name, last name, email and roll no. The Alumni's previous also includes his/her job experiences and certain queries such as checking on others from IIT Patna or add details about entering into a new job.

The user can also check his tenure during each job from previous job experiences webpage.

### Justifications for Alumni tables :

- alumnidetails table stores the details of passed out students along with all the necessary info like passout year, rollno, etc. Alumni\_id is the primary key here.
- Another table alumni\_company\_details stores the past experiences of alumni, i.e., it stores where all these alumni worked after passing out from IITP and also where they are working right
- 

### Alumni dashboard webpage code :

```
<?php
// Start session to access logged in user's information
session_start();

// Check if user is logged in
if (!isset($_SESSION['loggedin']) || $_SESSION['loggedin'] !== true) {
    // Redirect user to login page
    echo "NOT LOGGED IN";
    header("Location: login.php");
    exit();
}

$servername = "localhost";
$username = "root";
$password = "";
$dbname = "iitp_tpc";

$conn = new mysqli($servername, $username, $password, $dbname);
// Retrieve user's first name and last name from database
$user_id = $_SESSION['user_id'];
$result = $conn->query("SELECT * FROM alumni_details WHERE id = '$user_id'");
$row = $result->fetch_assoc();
$_SESSION['first_name'] = $row['first_name'];
$_SESSION['last_name'] = $row['last_name'];
$_SESSION['email'] = $row['email'];
$_SESSION['password'] = $row['password'];
$_SESSION['id'] = $row['id'];
$_SESSION['rollno'] = $row['roll_no'];

// Close database connection
$conn->close();
?>

<!--
</html>
| | -->
<!DOCTYPE html>
<html style="font-size: 16px;" Lang="en">

<head>
    <title>Home</title>
    <link rel="stylesheet" href="nicepage.css" media="screen">
    <link rel="stylesheet" href="home.css" media="screen">
    <script class="u-script" type="text/javascript" src="jquery.js" defer=""></script>
    <script class="u-script" type="text/javascript" src="nicepage.js" defer=""></script>
    <link id="u-theme-google-font" rel="stylesheet" href="https://fonts.googleapis.com/css?family=Roboto:100,100i,300,300i,400,400i,500,500i,700,700i,900,900i|Open+Sans:300,300i,400,400i">
    <link id="u-page-google-font" rel="stylesheet" href="https://fonts.googleapis.com/css?family=Ubuntu:300,300i,400,400i,500,500i,700,700i">
</head>
```



### Queries :

- 1) User can add details about starting a new job. He can upload the Company details, location, CTC and joining date as per his preferences.

Code :

```
<!DOCTYPE html>
<html>

<head>
  <title>Add Professional Experiences</title>
  <link rel="stylesheet" type="text/css" href="style.css">
</head>

<body>
  <div class="container">
    <h1>Your Professional Experience</h1>
    <form onsubmit= action="AlumniCompanyTable.php" method="post">
      <div class="form-group">
        <label for="CompanyName">Company Name:</label>
        <input type="text" id="CompanyName" name="CompanyName" placeholder="Enter the name of company" required>
      </div>
      <div class="form-group">
        <label for="Position">Position:</label>
        <input type="text" id="Position" name="Position" placeholder="Which position did you work for?" >
      </div>
      <div class="form-group">
        <label for="Location">Location:</label>
        <input type="text" id="Location" name="Location" placeholder="Enter your job location" >
      </div>
      <div class="form-group">
        <label for="JoiningDate">Joining date:</label>
        <input type="date" id="JoiningDate" name="JoiningDate" placeholder="Enter your Joining date" >
      </div>
      <div class="form-group">
        <label for="MonthsWorked">No. of months worked:</label>
        <input type="text" id="MonthsWorked" name="MonthsWorked" placeholder="Enter 'Ongoing' for current job" >
      </div>
      <div class="form-group">
        <label for="CTC">CTC:</label>
        <input type="text" id="CTC" name="CTC" placeholder="What was your CTC? (in lakhs)" >
      </div>
      <div class="form-group">
        <button type="submit">Submit</button>
      </div>
    </form>
  </div>
</body>
</html>
```

- 2) User can also add details about any previous experience if there is any He can upload the Company details, location, CTC and joining date as per his preferences. This data helps students in acquiring proper information about the company which they aspire to join.

Code :

```
<!DOCTYPE html>
<html>

<head>
  <title>Add Professional Experiences</title>
  <link rel="stylesheet" type="text/css" href="style.css">
</head>

<body>
  <div class="container">
    <h1>Your Professional Experience</h1>
    <form onsubmit= action="AlumniCompanyTable.php" method="post">
      <div class="form-group">
        <label for="CompanyName">Company Name:</label>
        <input type="text" id="CompanyName" name="CompanyName" placeholder="Enter the name of company" required>
      </div>
      <div class="form-group">
        <label for="Position">Position:</label>
        <input type="text" id="Position" name="Position" placeholder="Which position did you work for?" >
      </div>
      <div class="form-group">
        <label for="Location">Location:</label>
        <input type="text" id="Location" name="Location" placeholder="Enter your job location" >
      </div>
      <div class="form-group">
        <label for="JoiningDate">Joining date:</label>
        <input type="date" id="JoiningDate" name="JoiningDate" placeholder="Enter your Joining date" >
      </div>
      <div class="form-group">
        <label for="MonthsWorked">No. of months worked:</label>
        <input type="text" id="MonthsWorked" name="MonthsWorked" placeholder="Enter 'Ongoing' for current job" >
      </div>
      <div class="form-group">
        <label for="CTC">CTC:</label>
        <input type="text" id="CTC" name="CTC" placeholder="What was your CTC? (in lakhs)" >
      </div>
      <div class="form-group">
        <button type="submit">Submit</button>
      </div>
    </form>
  </div>
</body>
</html>
```



- 3) To update details about ending the current job, user can select the ending date for his current job.. This is important because it will allow the user to see IITP alumni who are currently working or have worked in their new organization.

```
<?php
// Start session to access logged in user's information
session_start();
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "iitp_tpc";
$conn = new mysqli($servername, $username, $password, $dbname);
// Retrieve user's first name and last name from database
$user_id = $_SESSION['user_id'];
$result = $conn->query("SELECT * FROM alumni_company_details WHERE alumni_id = '$user_id' AND months_worked = 'Ongoing'");
if(mysqli_num_rows($result) == 0)
{
    echo " You have no ongoing job.";
    exit();
}
$row = $result->fetch_assoc();
$_SESSION['company_name'] = $row['company_name'];
$_SESSION['joining_date'] = $row['joining_date'];
// Close database connection
$conn->close();
?>

<!DOCTYPE html>
<html>

<head>
    <title>Dashboard</title>
    <link rel="stylesheet" type="text/css" href="style2.css">
</head>

<body>
    <div class="container">
        <h1>When did you end your job at <span><?php echo $_SESSION['company_name']; ?></span></h1>
        <form method="post" action="UpdateOngoing.php">
            <label for="input_date">Enter date: </label>
            <input type="date" id="input_date" name="input_date">
            <input type="submit" name="submit" value="Submit">
        </form>
    </div>
</body>
</html>
```

- 4) User can check his past experiences using this query.

```
<!DOCTYPE html>
<html>

<head>
  <title>Update Details page</title>
  <link rel="stylesheet" type="text/css" href="style5.css">
</head>

<body>
<div class="card-deck">
  <?php
    session_start();
    $id = $_SESSION['id'];
    $host = "localhost";
    $user = "root";
    $password = "";
    $database = "iitp_tpc";

    $conn = mysqli_connect($host, $user, $password, $database);
    $query = "SELECT * FROM alumni_company_details where alumni_id = $id ORDER BY joining_date DESC";
    $result = mysqli_query($conn, $query);

    // Loop through the data and display it in cards
    while ($row = mysqli_fetch_assoc($result)) {
      echo '<div class="card">';
      echo '<div class="card-body">';
      echo '<h5 class="card-title">' . $row['company_name'] . '</h5>';
      echo '<p class="card-text"> Position: ' . $row['position'] . '</p>';
      echo '<p class="card-text"> Location: ' . $row['location'] . '</p>';
      echo '<p class="card-text">Joining Date: ' . $row['joining_date'] . '</p>';
      echo '<p class="card-text">Months worked: ' . $row['months_worked'] . '</p>';
      echo '<p class="card-text">CTC: ' . $row['CTC'] . '</p>';
      echo '</div>';
      echo '</div>';
    }

    // Close the database connection
    mysqli_close($conn);
  ?>
</div>
</body>
</html>
```

## 5) Check alumni working in the same company

```
<!DOCTYPE html>
<html>

<head>
  <title>See others from IIITP</title>
  <link rel="stylesheet" type="text/css" href="style5.css">
</head>

<body>
<div class="card-deck">
  <?php
    session_start();
    $id = $_SESSION['id'];
    $host = "localhost";
    $user = "root";
    $password = "";
    $database = "iitp_tpc";

    $conn = mysqli_connect($host, $user, $password, $database);
    $query = "SELECT * FROM alumni_company_details where alumni_id = $id AND months_worked = 'Ongoing'";
    $result = mysqli_query($conn, $query);
    $row = mysqli_fetch_assoc($result);
    $company = $row['company_name'];
    $query1 = "SELECT * FROM alumni_company_details WHERE company_name = '$company' AND alumni_id != $id";
    $result1 = mysqli_query($conn, $query1);
    // Loop through the data and display it in cards
    while ($row1 = mysqli_fetch_assoc($result1)) {
      echo '<div class="card">';
      echo '<div class="card-body">';
      echo '<h5 class="card-title">' . $row1['company_name'] . '</h5>';
      echo '<p class="card-text"> Position: ' . $row1['position'] . '</p>';
      echo '<p class="card-text"> Location: ' . $row1['location'] . '</p>';
      echo '<p class="card-text">Joining Date: ' . $row1['joining_date'] . '</p>';
      echo '<p class="card-text">Months worked: ' . $row1['months_worked'] . '</p>';
      echo '</div>';
      echo '</div>';
    }

    // Close the database connection
    mysqli_close($conn);
  >
</div>
</body>
</html>
```

**Administrator portal :**