

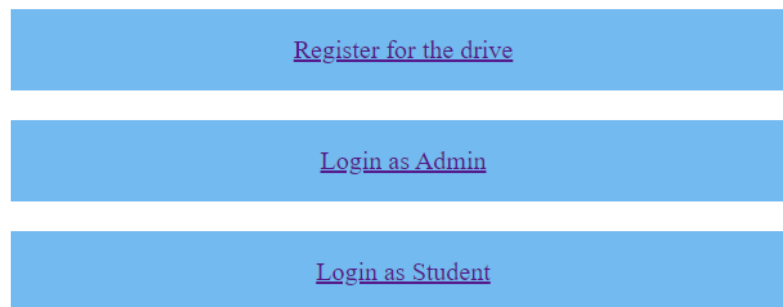
Database Management System

Pavithra Rajan

B190632CS

Main Page

The web application opens with the user having 3 choices.



- If the user is a student who hasn't registered for the drive yet, they can register by clicking the first link.
- If the user is the placement coordinator, they can log in as an Admin.
- If the user(student) has registered previously, they can proceed to log in as a Student.

Registration (Students)

Register

Please fill in this form to create an account.

Name

Pavithra Rajan

Registration Number

B190632CS

Email

pavithra.rajan01@gmail.com

Phone Number

6282879860

Current CGPA

8.57

Register


After clicking register with all the necessary details, the following message will be shown if the registration is successful.

Successfully Registered

If any field is missing, then it will be indicated to fill.

student1@gmail.com

Phone Number

Current CGPA  Please fill out this field.

Upon registration, the details will be stored in the 'student' table.

```
mysql> describe student;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Name  | varchar(25)   | YES  |     | NULL    |       |
| RegNo | char(10)      | NO   | PRI | NULL    |       |
| Email | varchar(35)   | YES  |     | NULL    |       |
| Phone | char(10)      | YES  |     | NULL    |       |
| CGPA  | char(5)       | YES  |     | NULL    |       |
| status | varchar(20)   | YES  |     | NOT PLACED |     |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```

I have added 3 students to the database. The status is not student-filled but will be default set as 'NOT PLACED'.

```
mysql> select * from student;
```

Name	RegNo	Email	Phone	CGPA	status
Student 2	B190234CS	student2@gmail.com	6547281902	9.12	NOT PLACED
Student 1	B190542CS	student1@gmail.com	3421567890	7.75	NOT PLACED
Pavithra Rajan	B190632CS	pavithra.rajan01@gmail.com	6282879860	8.57	NOT PLACED

```
3 rows in set (0.00 sec)
```

Login (Placement Coordinator)

The placement coordinators can log in.

Log In

This is for Placement Co-ordinators only

User name :

Password :

Log In

The login credentials of the coordinators will be stored in the 'admins' table.

```
mysql> describe admins;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| userid     | varchar(25)   | NO   | PRI | NULL    |       |
| password   | varchar(25)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

The 'admins' table contains:

```
mysql> select * from admins;
+-----+-----+
| userid      | password |
+-----+-----+
| PlacementAdmin | pass123  |
+-----+-----+
1 row in set (0.00 sec)
```

Upon successful login, the coordinator can see the details of all the students in a tabular manner. They can also register a new company that will be coming for the drive.

Student Details

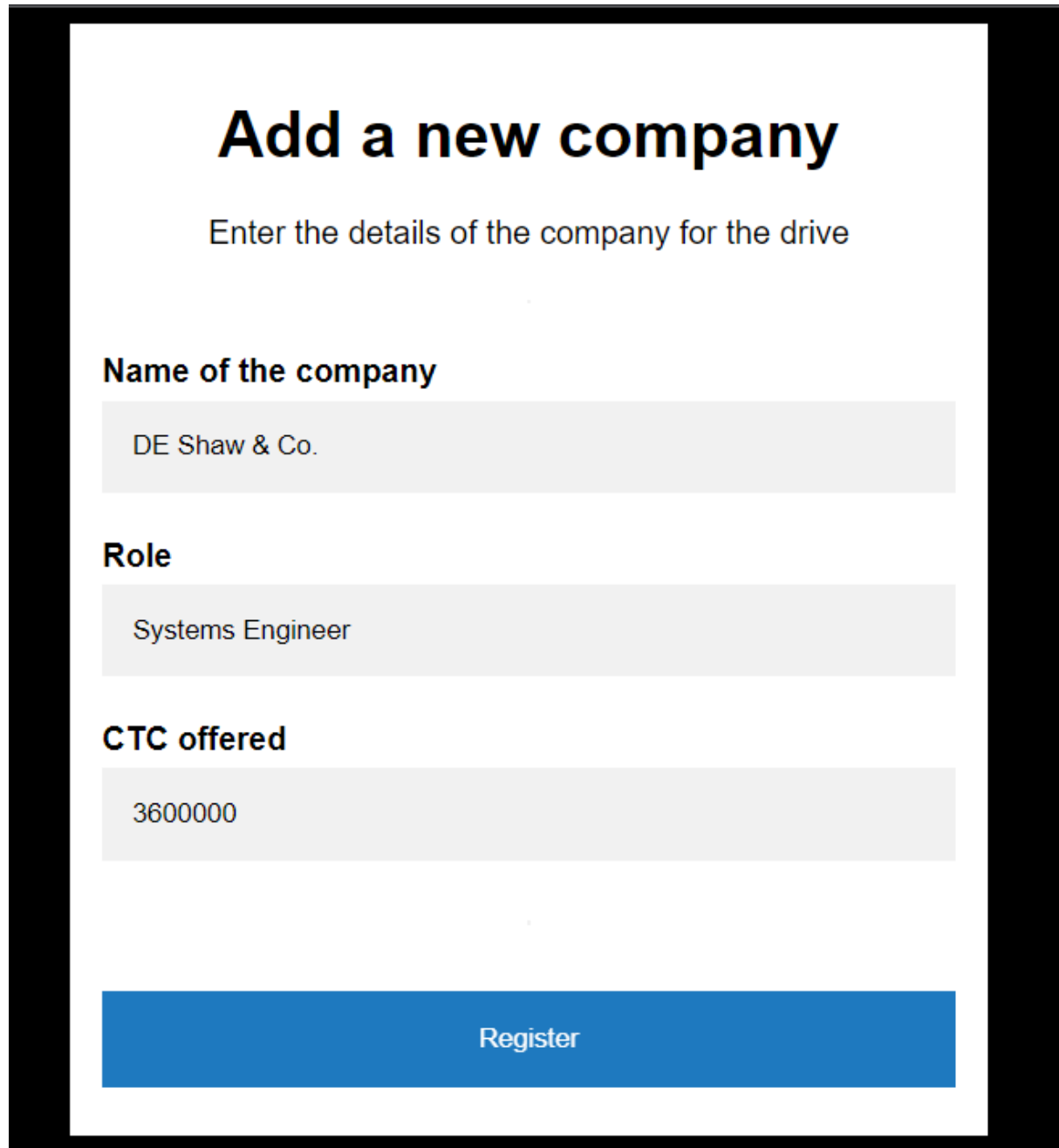
Name	Reg No.	Email	Phone	CGPA	Status
Student 2	B190234CS	student2@gmail.com	6547281902	9.12	NOT PLACED
Student 1	B190542CS	student1@gmail.com	3421567890	7.75	NOT PLACED
Pavithra Rajan	B190632CS	pavithra.rajan01@gmail.com	6282879860	8.57	NOT PLACED

[Register a new company.](#)

If the credentials are invalid, the following message will be shown.

Invalid password or username.

If the coordinator clicks on 'Register a new company', the following form will be shown.

A screenshot of a web form titled "Add a new company". The form is set against a white background with a black border. Below the title is a subtitle: "Enter the details of the company for the drive". There are three input fields, each with a label above it: "Name of the company" with the value "DE Shaw & Co.", "Role" with the value "Systems Engineer", and "CTC offered" with the value "3600000". At the bottom of the form is a blue button labeled "Register".

Add a new company

Enter the details of the company for the drive

Name of the company

DE Shaw & Co.

Role

Systems Engineer

CTC offered

3600000

Register

The details of the companies will be stored in the company table.

```
mysql> describe company;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra          |
+-----+-----+-----+-----+-----+-----+
| C_ID  | int           | NO   | PRI | NULL    | auto_increment |
| Name  | varchar(25)   | YES  |     | NULL    |                |
| Role  | varchar(25)   | YES  |     | NULL    |                |
| CTC   | varchar(8)    | YES  |     | NULL    |                |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.01 sec)
```

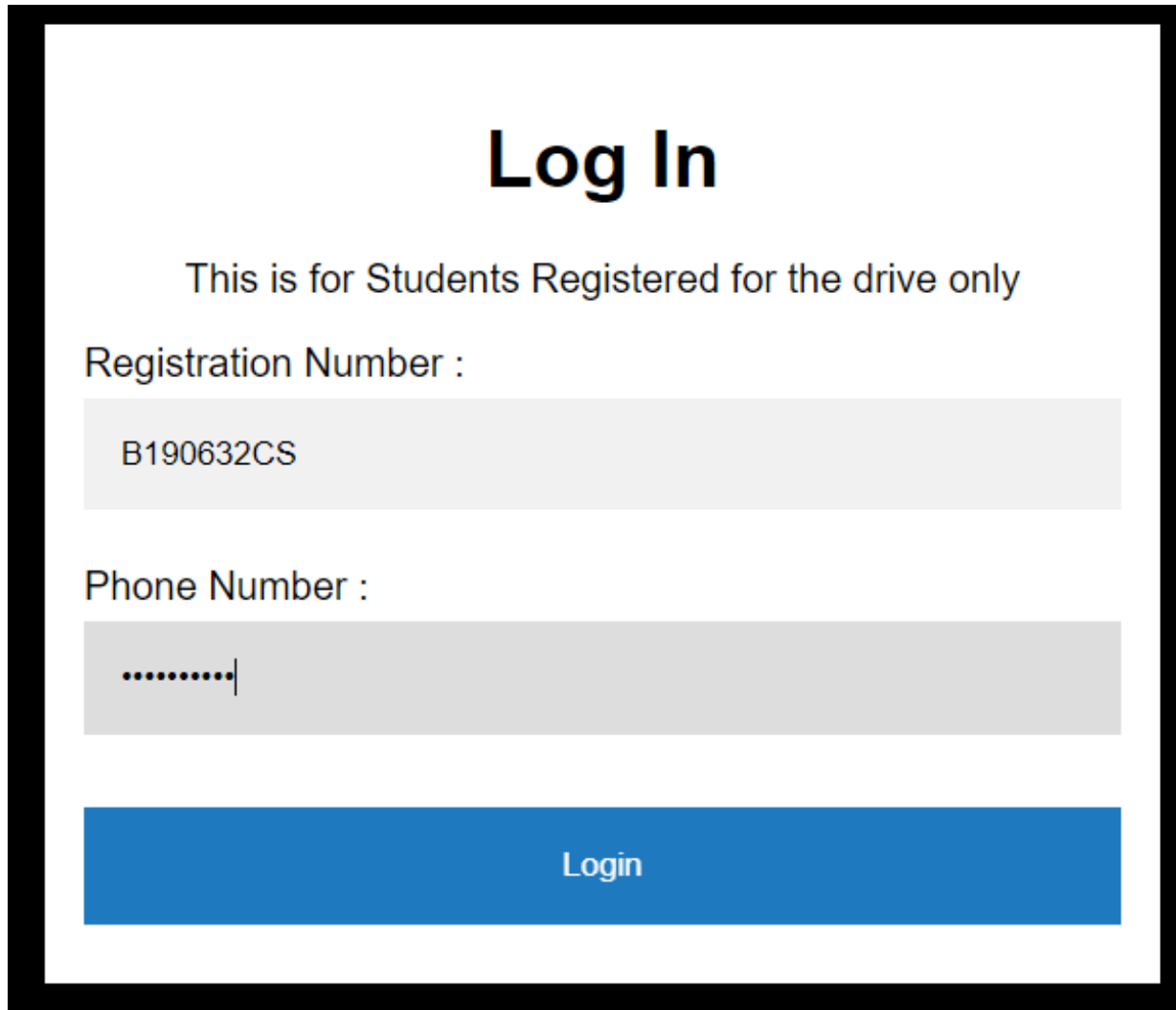
After clicking register, the details will be stored.

```
mysql> select * from company;
+-----+-----+-----+-----+
| C_ID | Name          | Role          | CTC      |
+-----+-----+-----+-----+
| 1    | DE Shaw & Co. | Systems Engineer | 3600000 |
+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

I have added 3 companies.

Login (Student)

Students can log in using their Registration number as the username and Phone number as the password.



Log In

This is for Students Registered for the drive only

Registration Number :

B190632CS

Phone Number :

.....|

Login

If the credentials are invalid, then a message will be shown indicating that.

Invalid password or username.

After successful login, the student can view the companies added by the Placement Coordinator.

Companies coming for the drive

S.L No	Company	Role	CTC
1	JP Morgan & Chase.	SDE	2400000
2	DE Shaw & Co.	Systems Engineer	3600000
3	Goldman Sachs	Software Analyst	3200000

ER Diagram

