# Student_Career_Net

## Software Project Presentation
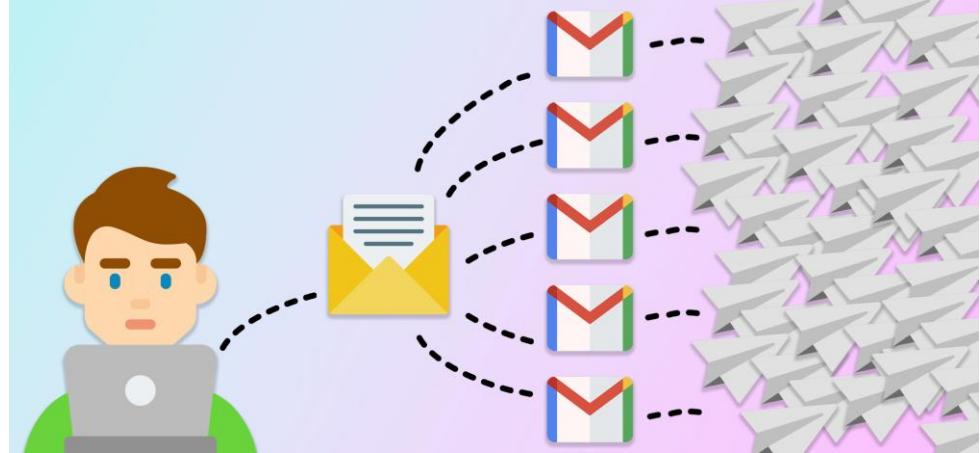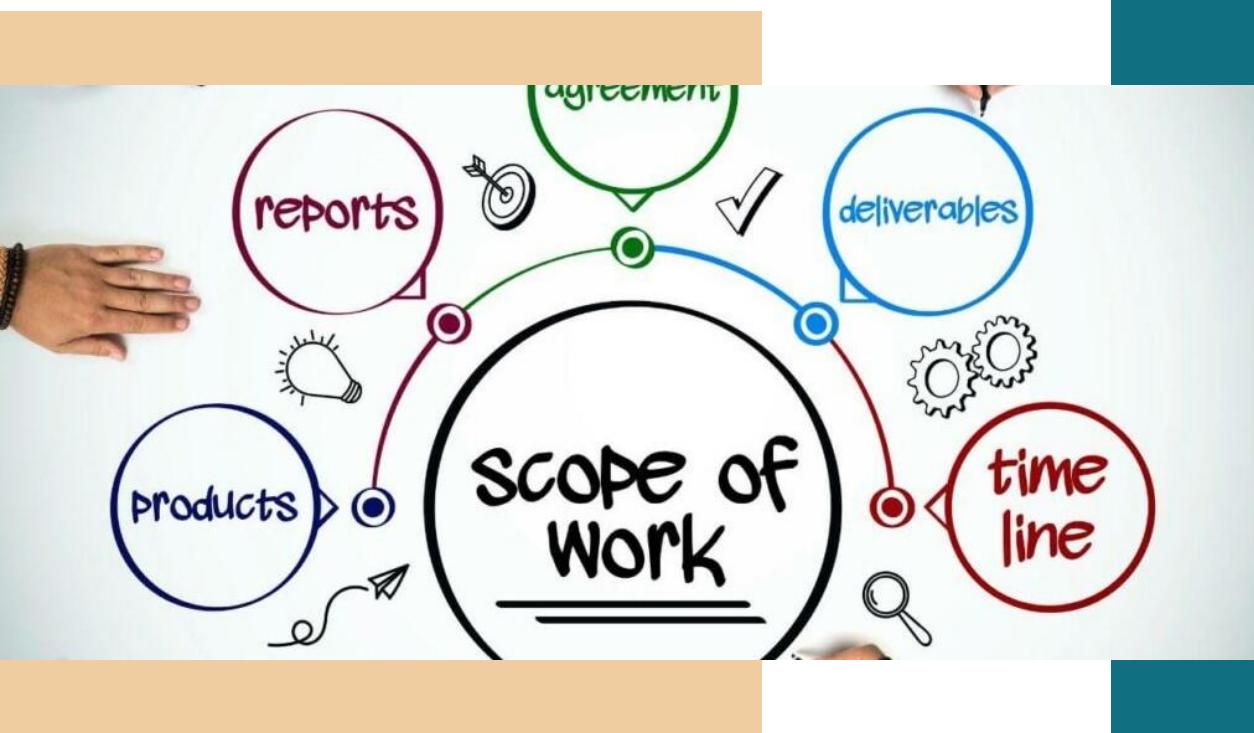
# INTRODUCTION

# **Student_Career_Net**

# SCOPE & OBJECTIVES

# OUR SCOPE

**Student Registration**

*Students can register, upload resumes, and manage their profiles.*

**Company Registration**

*Companies can register, view student resumes, and manage job offers.*

**Admin Dashboard**

*An admin can manage both student and company accounts and oversee platform activities.*

**Security**

*Secure authentication and protection of sensitive user data.*

**Responsive Design**

*Ensure that the portal is accessible on various devices such as desktops, tablets, and smartphones.*

# OUR OBJECTIVES
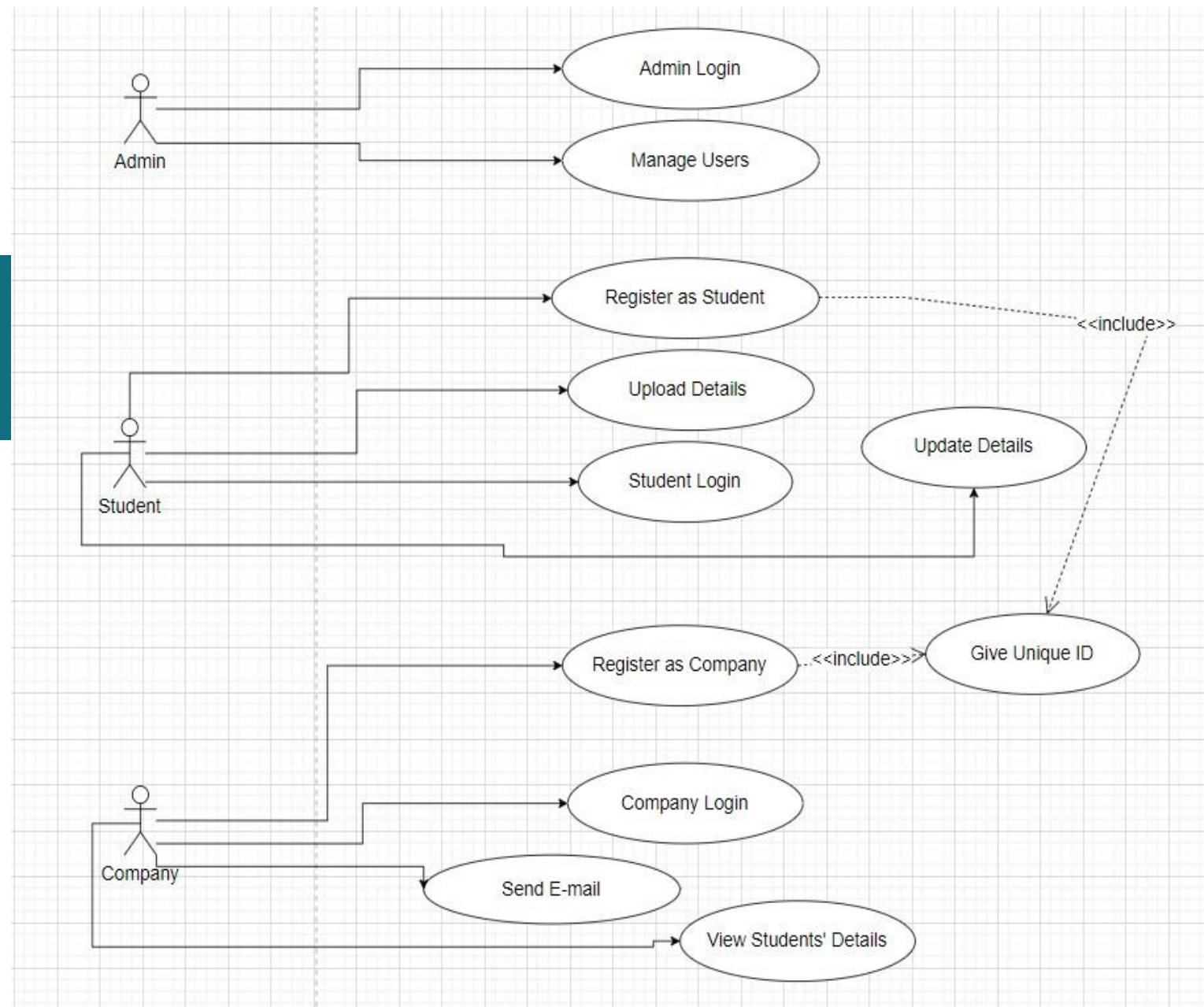
Providing a secure platform for students to upload their resumes.

Enabling companies to search and filter through student resumes based on various criteria.

Ensuring the system is user-friendly and responsive on all devices.

Maintaining a secure and efficient backend for data management.
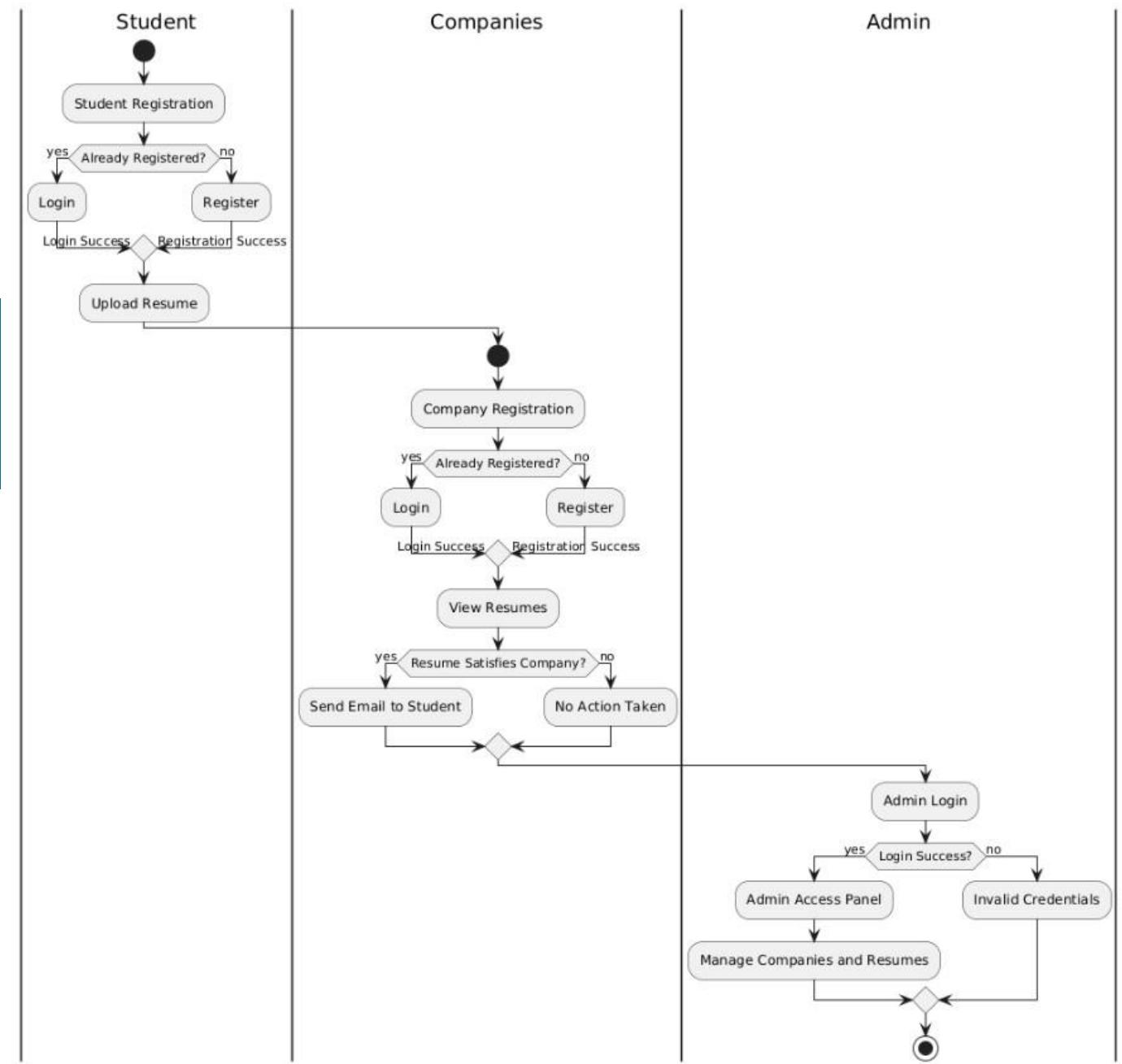
# SYSTEM ANALYSIS & DESIGN

# USE CASE DIAGRAM
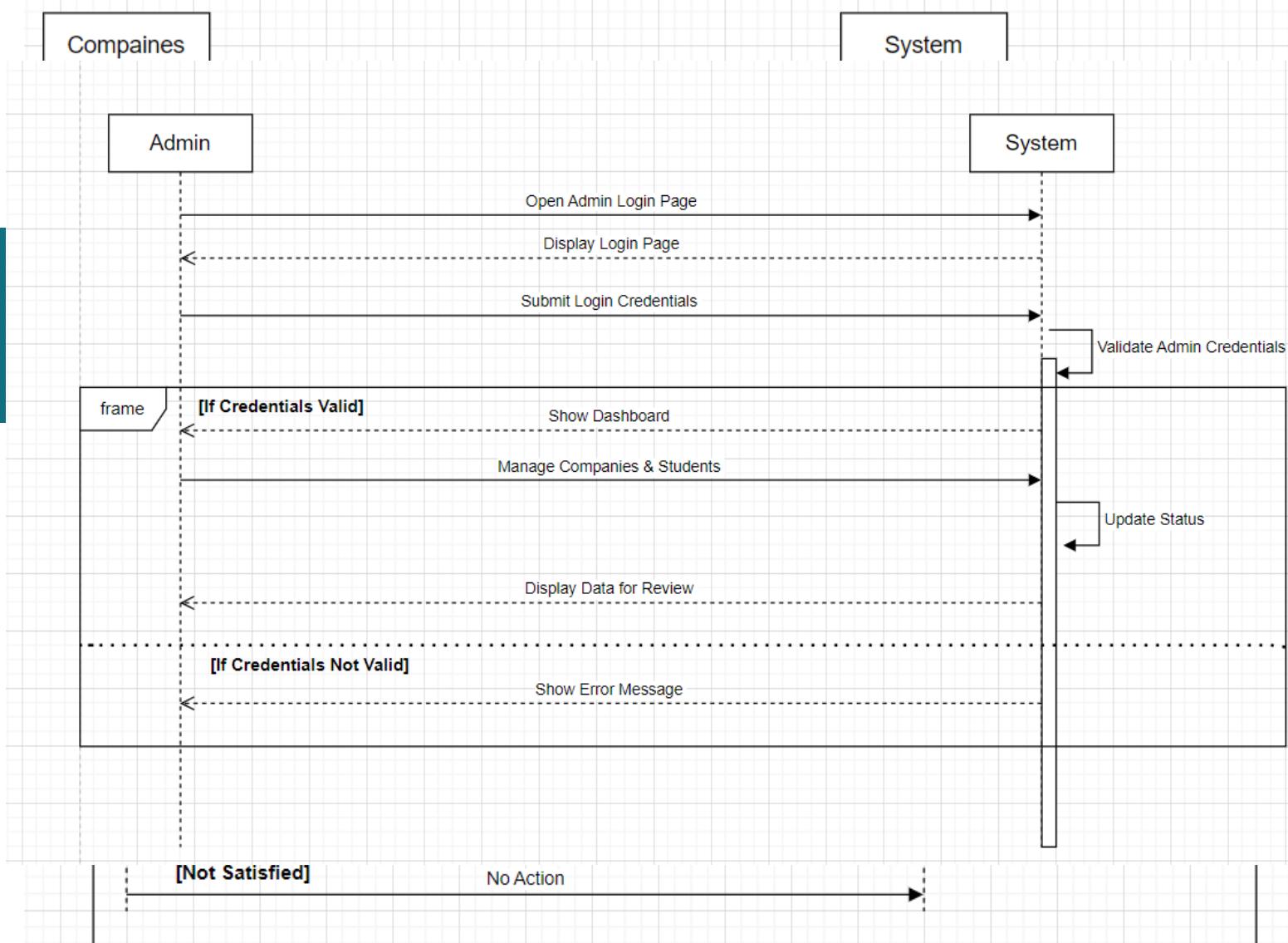
# ACTIVITY DIAGRAM
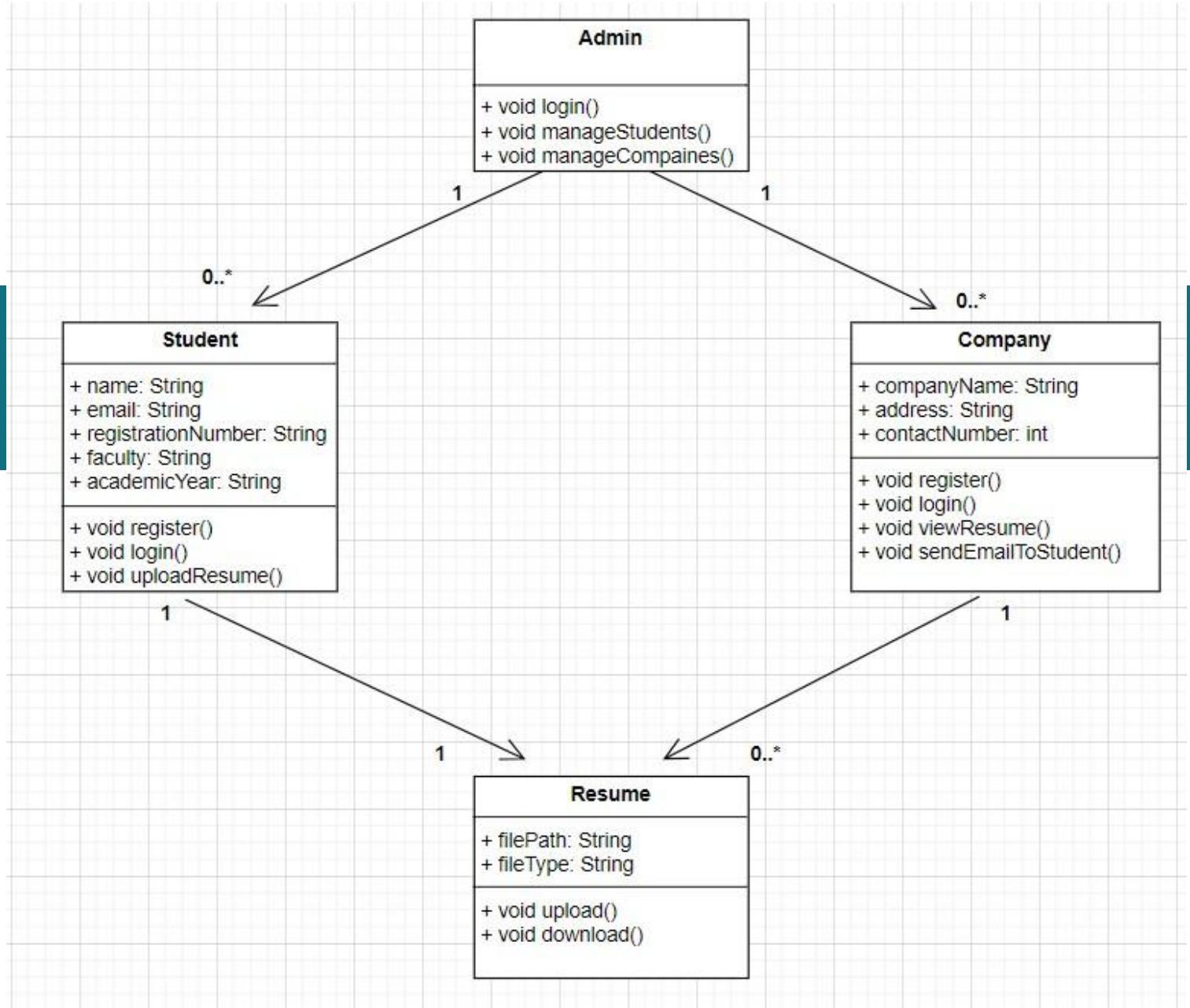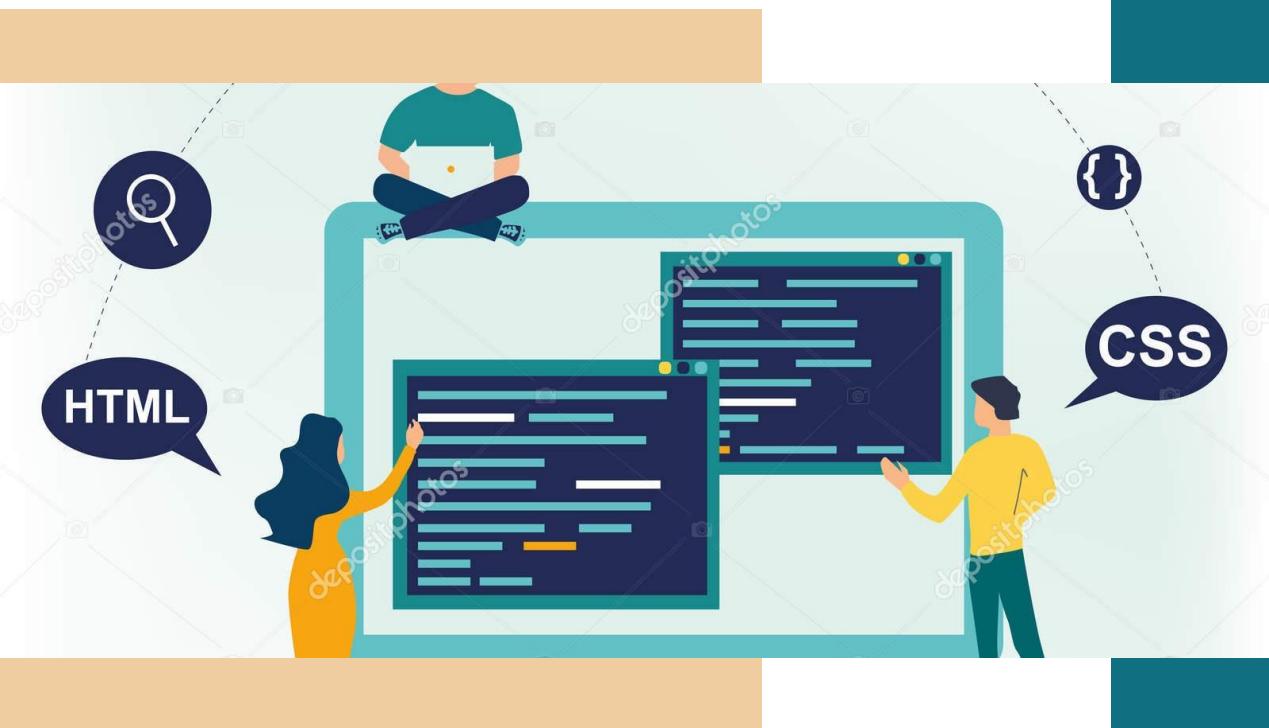
# SEQUENCE DIAGRAM

**For Company:**

# CLASS DIAGRAM



**Admin**

+ void login()
+ void manageStudents()
+ void manageCompaines()

**Student**

+ name: String
+ email: String
+ registrationNumber: String
+ faculty: String
+ academicYear: String

+ void register()
+ void login()
+ void uploadResume()

**Company**

+ companyName: String
+ address: String
+ contactNumber: int

+ void register()
+ void login()
+ void viewResume()
+ void sendEmailToStudent()

**Resume**

+ filePath: String
+ fileType: String

+ void upload()
+ void download()

# USED LANGUAGES & TOOLS

# FRONTEND

✓ **The frontend was built using HTML, CSS, and Bootstrap to ensure a responsive and intuitive user experience. The design is simple and user-centric, focusing on ease o navigation.**

# BACKEND

✓ **Technology Stack:**

- **PHP (Sever-Side Language)**

- **XAMMP (Local Development Environment)**

✓ **Core Functionalities:**

- **User Authentication**

- **Resume Upload**

- **Data Processing**
  - ✓ Prevent SQLi
  - ✓ MySQL

# DATABASE
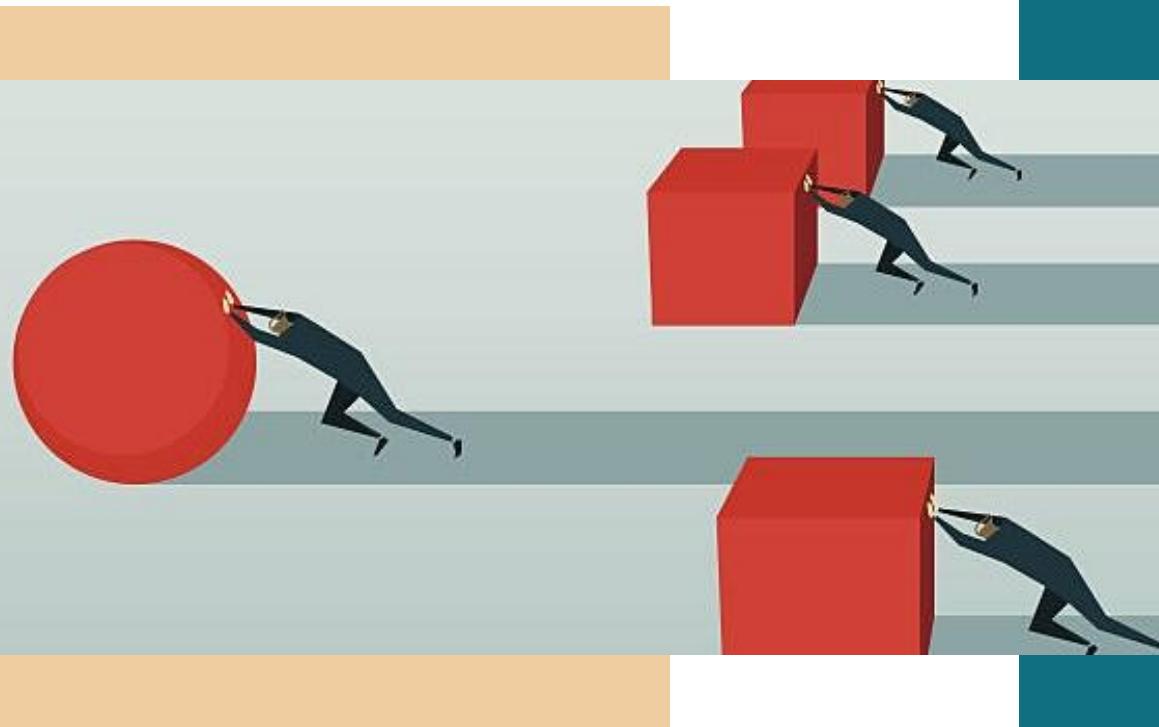
**Technology Stack:**

- **MySQL Database**

❖ *Here We create Database Structure including tables for Students, Companies and Admin.*

# CHALLENGES

# CHALLENGES

**Database Integration**

*Students can register, upload resumes, and manage their profiles.*

**Cross-Browser Compatibility**

*Ensuring consistent functionality and appearance of the web application across multiple browsers was another challenging task.*

**Security Concerns**

*Security was a priority as the platform handles sensitive information such as resumes and personal details.*

# FUTURE ENHANCEMENTS

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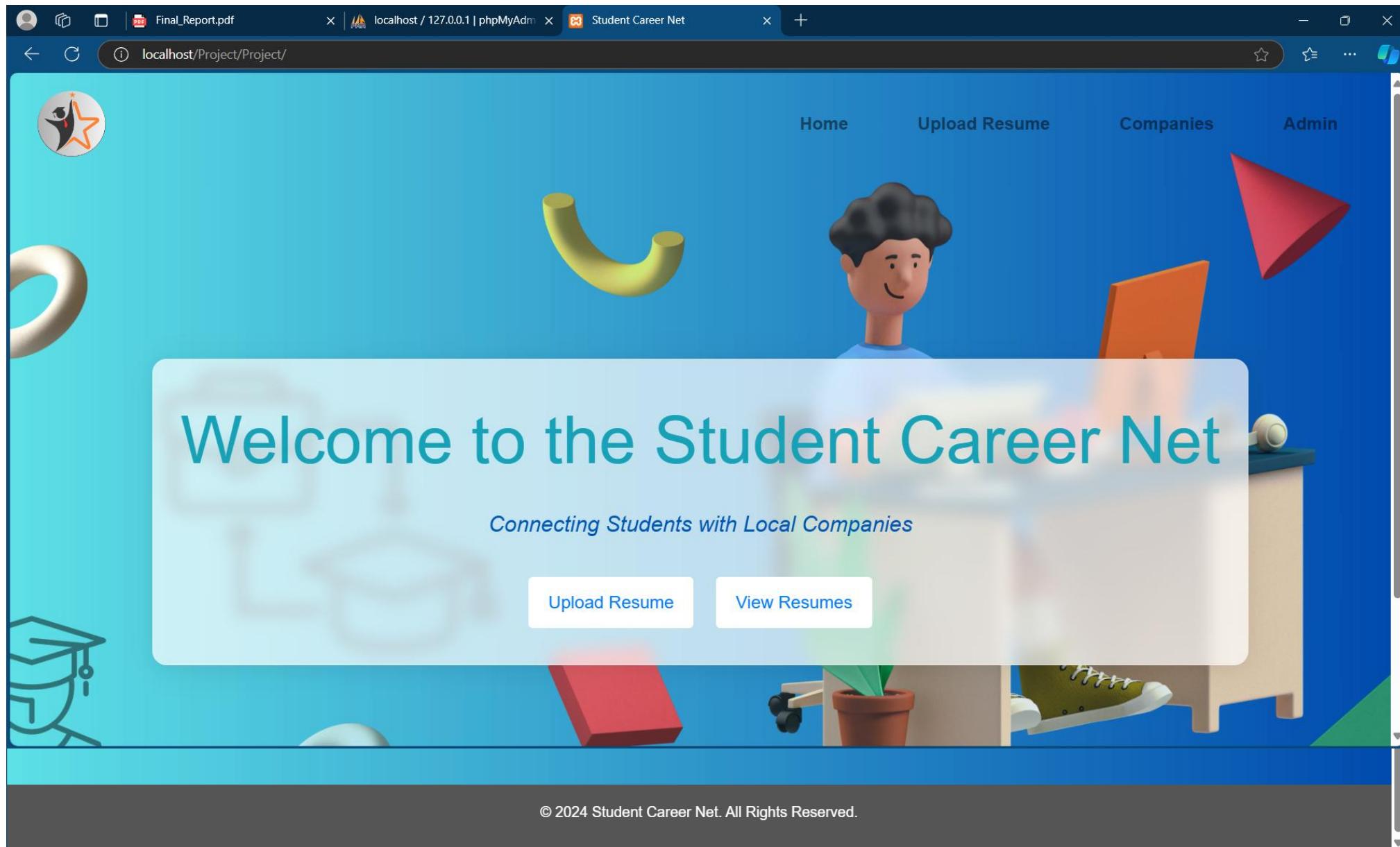
- **Resume Search Enhancements**

- **Job Notifications**

- **Mobile App**

- **Multilingual Support**

- **Student Resume Update With Admin Permission**
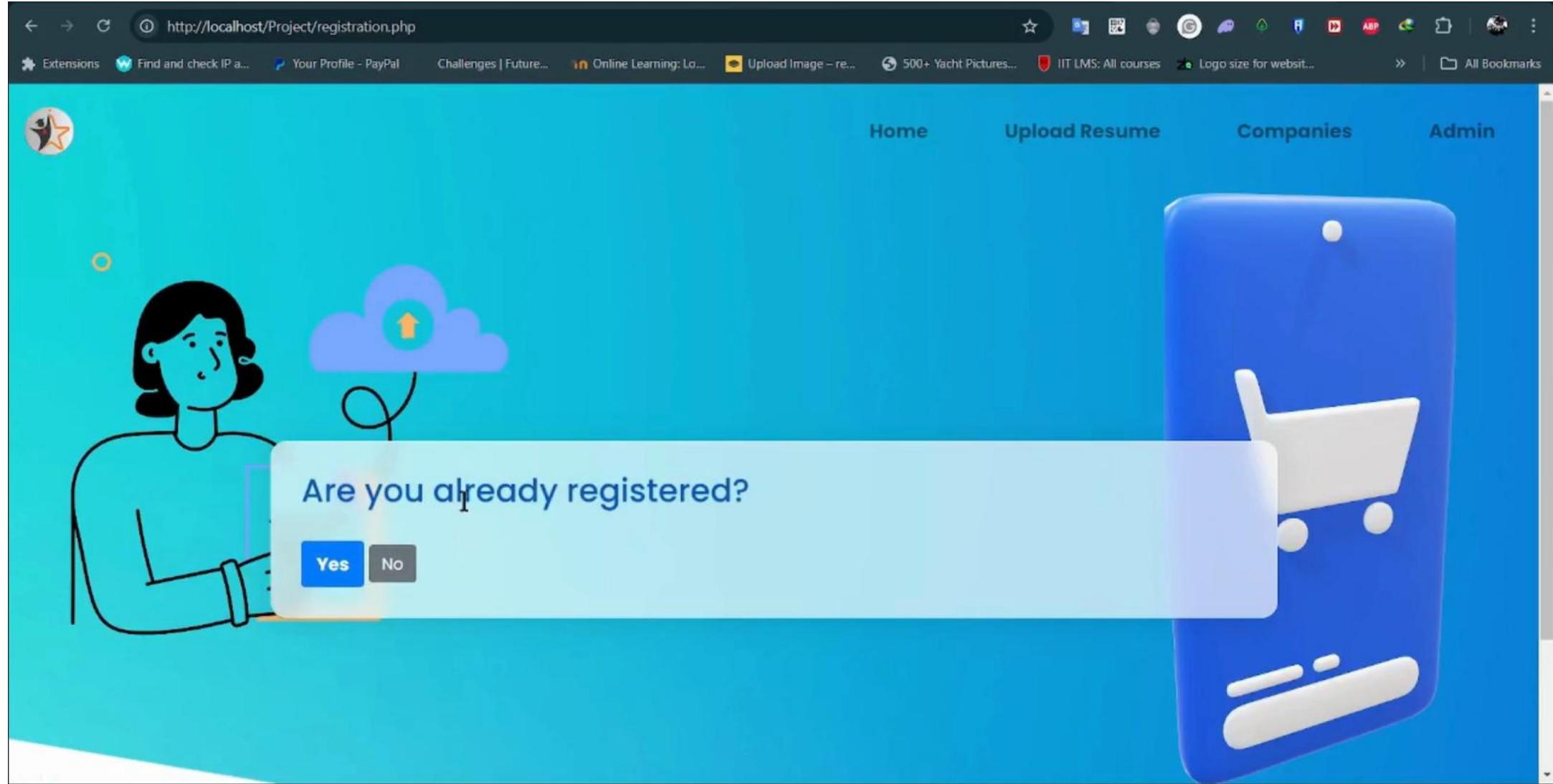
# GRAPHICAL USER INTERFACE
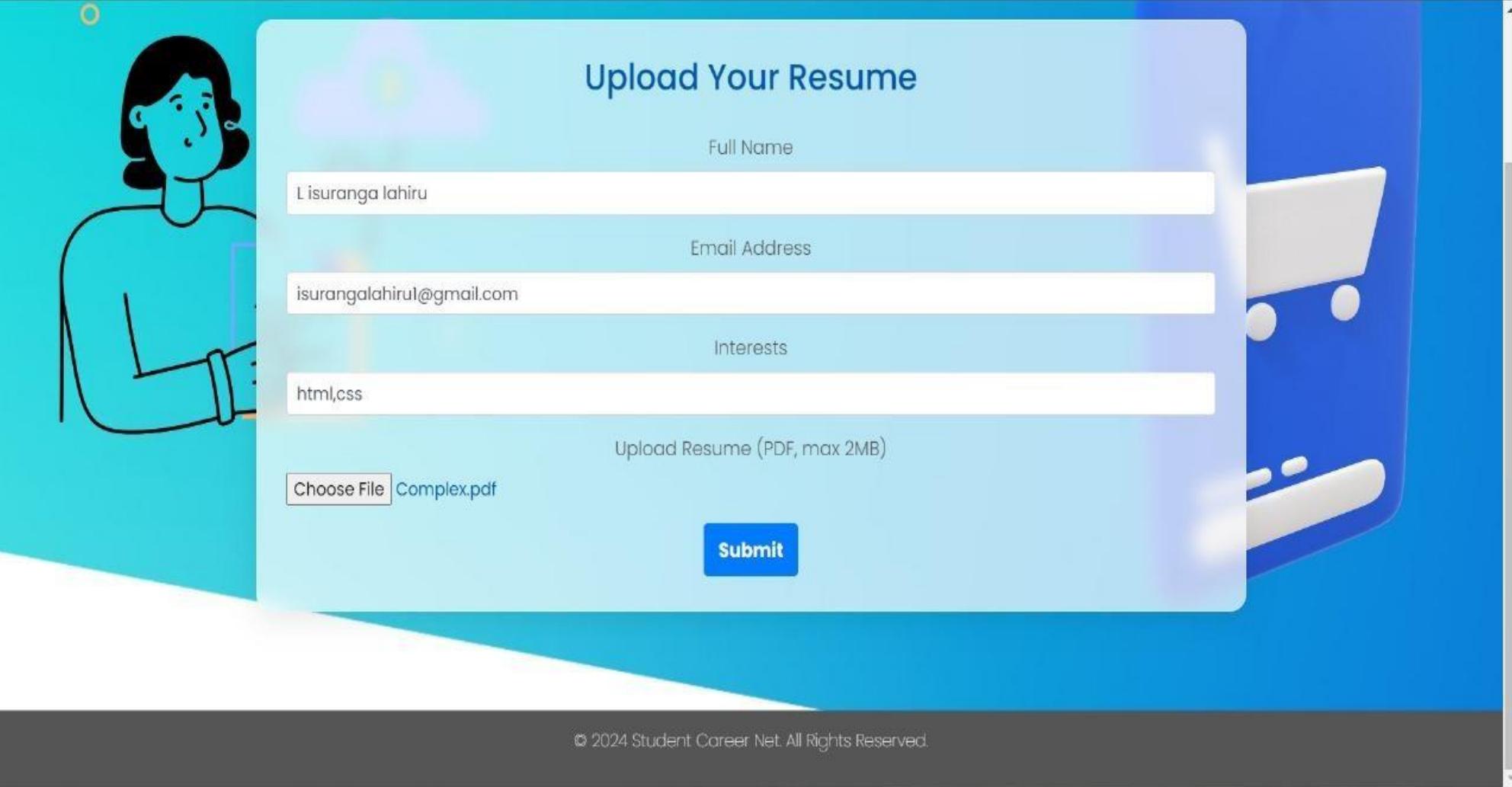
*Home Page Screenshot of Student_Career_Net Web site*

*Student Registration & Login Page of Student_Career_Net web site*
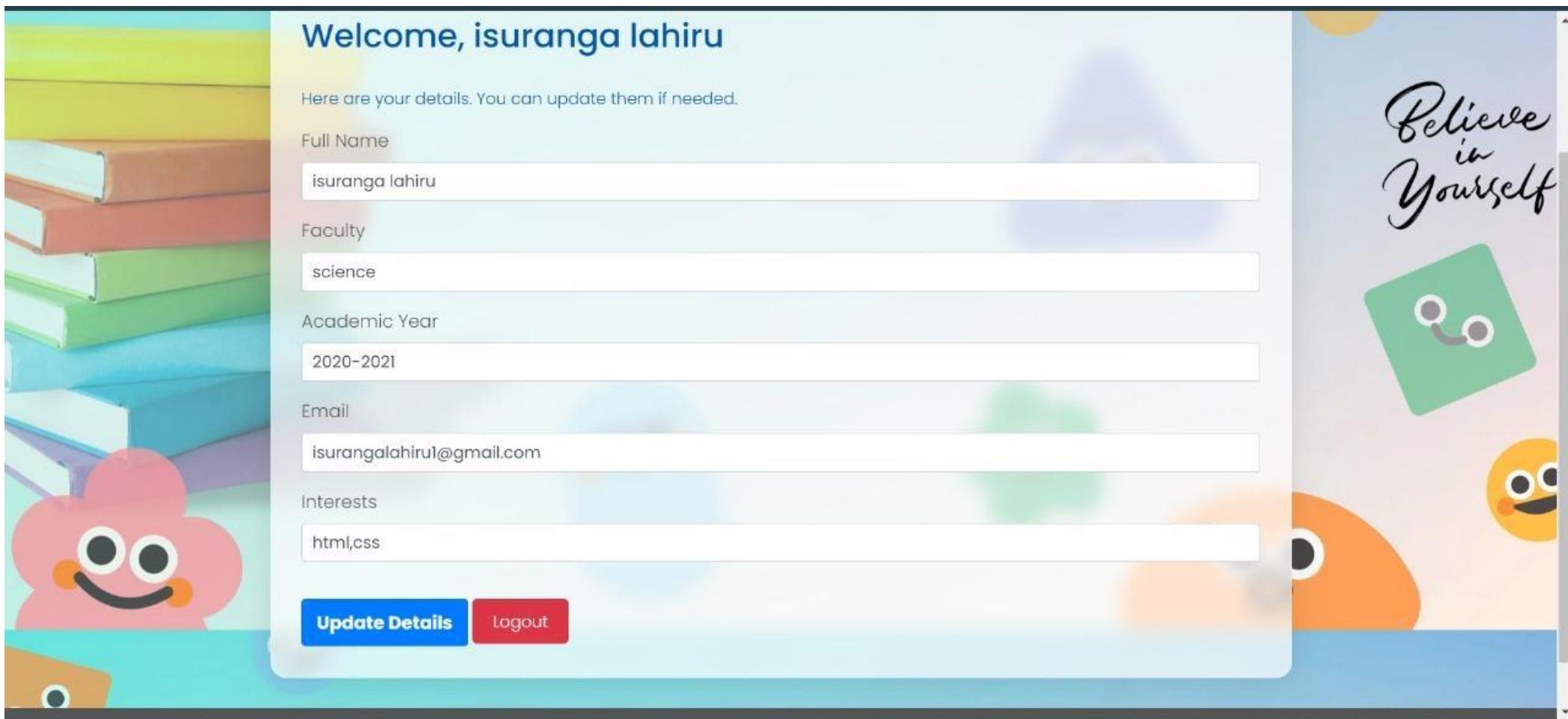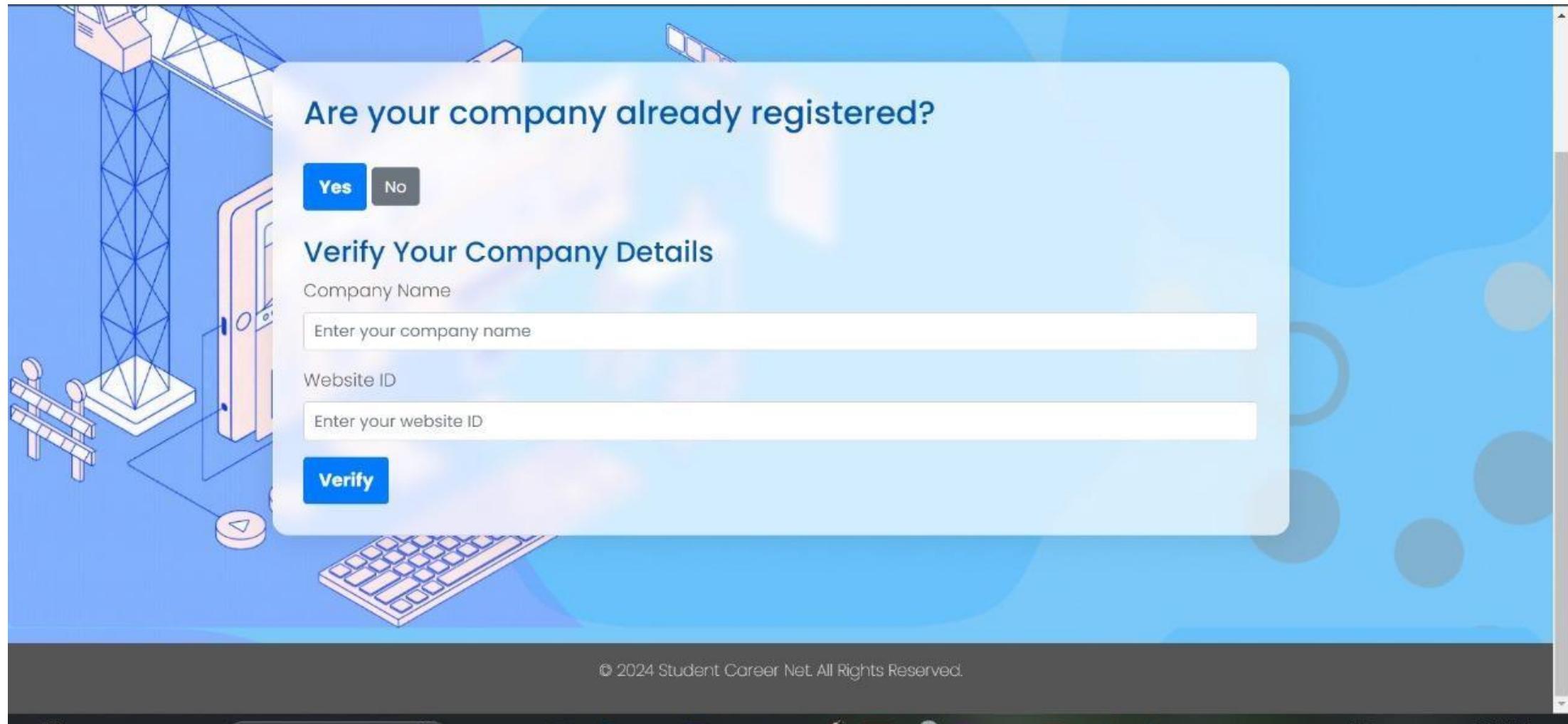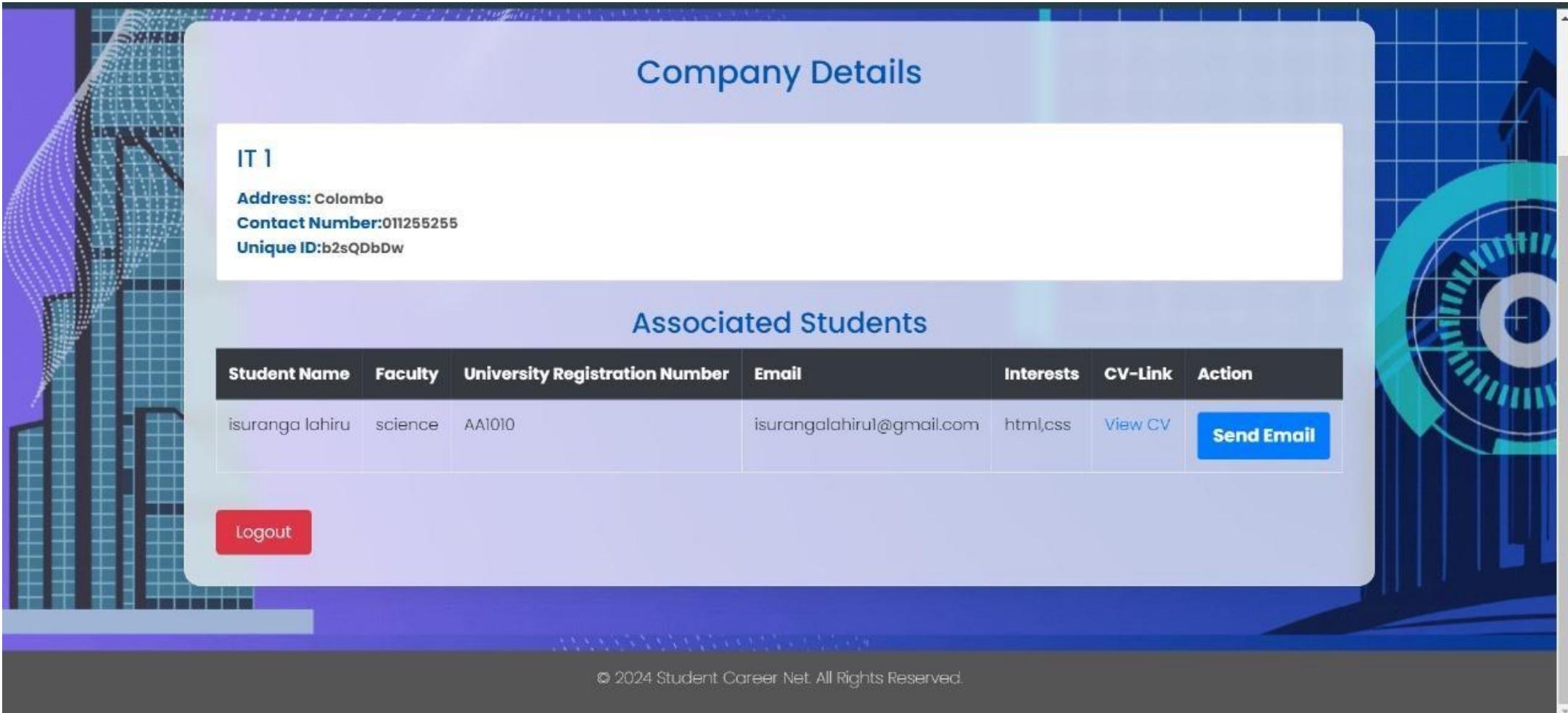
*Student Details Upload Page of Student_Career_Net Web site*

*Student Dashboard Page of Student_Career_Net Web site*

*Company Registration & Login Page of Student_Career_Net Web site*
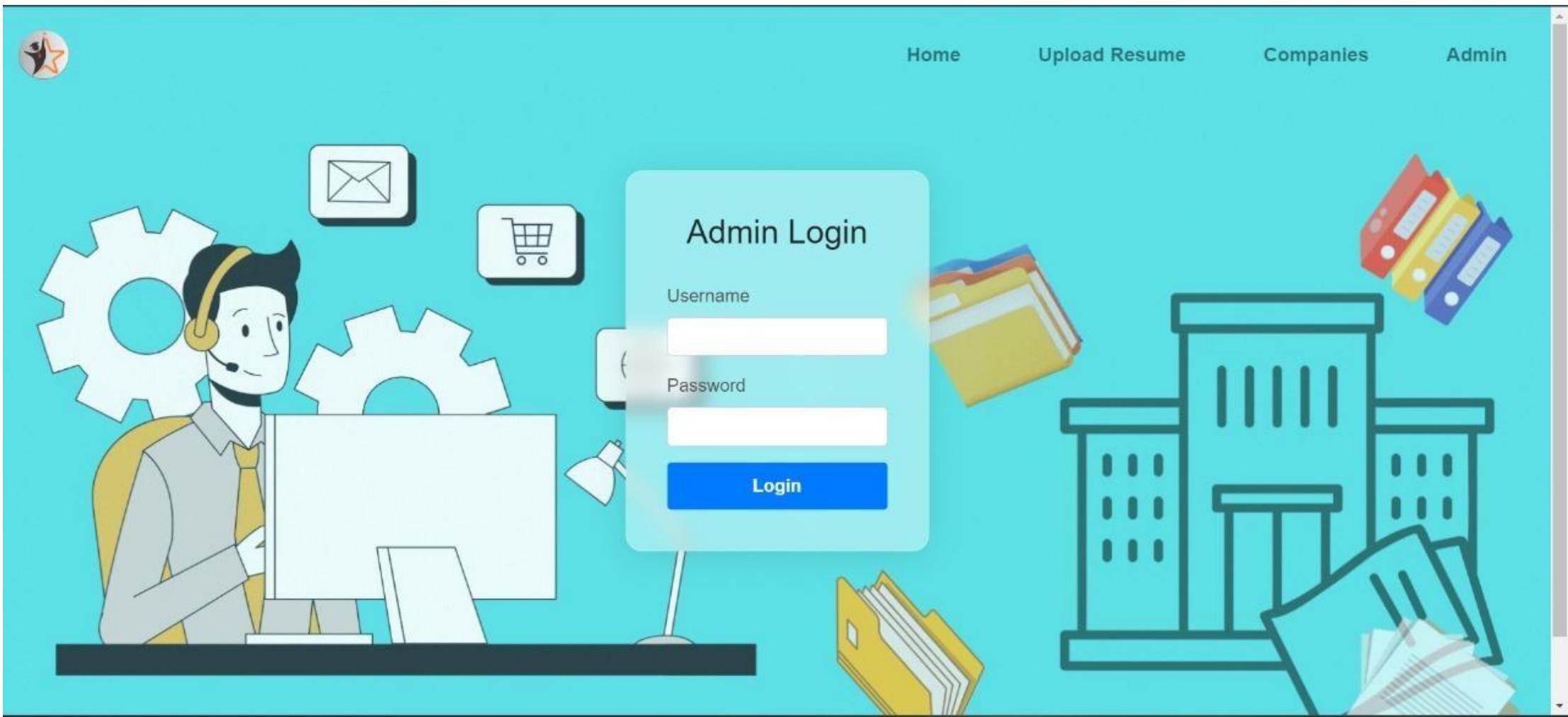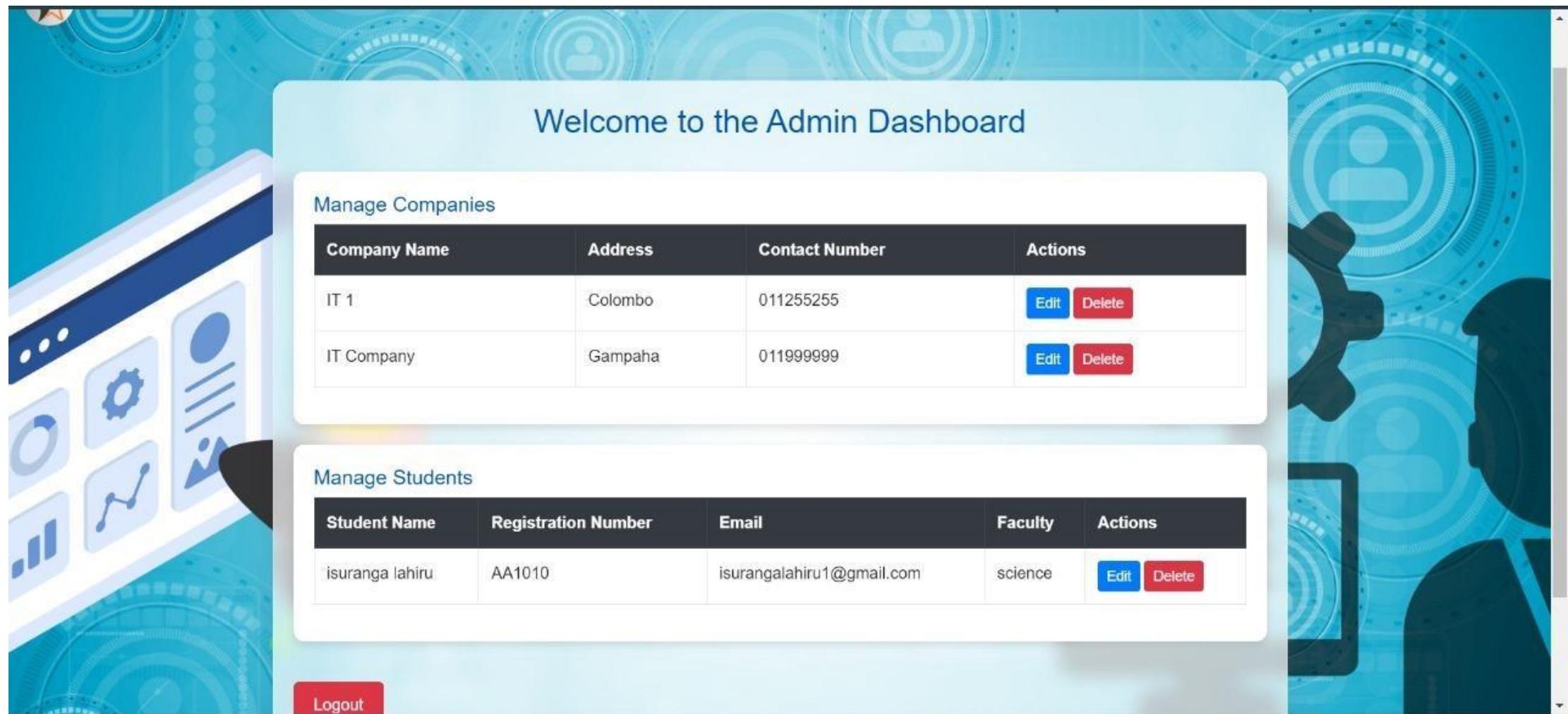
*Company Dashboard Page of Student_Career_Net Web site*

*Admin Login Page of Student_Career_Net Web site*

*Admin Dashboard Page of Student_Career_Net Web site*

| # | Name | Type | Collation | Attributes | Null | Default | Comments | Extra | Action |
|---|------|------|-----------|------------|------|---------|----------|-------|--------|
| ☐ 1 | **FullName** | varchar(200) | utf8mb4_general_ci | | No | *None* | | | 🖉 Change ⊖ Drop More |
| ☐ 2 | **Faculty** | varchar(100) | utf8mb4_general_ci | | No | *None* | | | 🖉 Change ⊖ Drop More |
| ☐ 3 | **UniRegNo** 🔑 | varchar(100) | utf8mb4_general_ci | | No | *None* | | | 🖉 Change ⊖ Drop More |
| ☐ 4 | **AcademicYear** | varchar(20) | utf8mb4_general_ci | | No | *None* | | | 🖉 Change ⊖ Drop More |
| ☐ 5 | **UniqueID** 🔑 | varchar(20) | utf8mb4_general_ci | | No | *None* | | | 🖉 Change ⊖ Drop More |

*Studnt Table of Student_Career_Net System Database*

| # | Name | Type | Collation | Attributes | Null | Default | Comments | Extra | Action |
|---|------|------|-----------|------------|------|---------|----------|-------|--------|
| ☐ 1 | **CompanyName** 🔑 | varchar(200) | utf8mb4_general_ci | | No | *None* | | | 🖉 Change ⊖ Drop More |
| ☐ 2 | **Address** | varchar(200) | utf8mb4_general_ci | | No | *None* | | | 🖉 Change ⊖ Drop More |
| ☐ 3 | **ContactNo** | varchar(20) | utf8mb4_general_ci | | No | *None* | | | 🖉 Change ⊖ Drop More |
| ☐ 4 | **UniqueWebsiteID** 🔑 | varchar(100) | utf8mb4_general_ci | | No | *None* | | | 🖉 Change ⊖ Drop More |

*Company Table of Student_Career_Net Database*

| | # | Name | Type | Collation | Attributes | Null | Default | Comments | Extra | Action | | |
|---|---|------|------|-----------|------------|------|---------|----------|-------|--------|---|---|
| ☐ | 1 | **Email** | varchar(100) | utf8mb4_general_ci | | No | *None* | | | ✏ Change | ⊖ Drop | More |
| ☐ | 2 | **Password** | varchar(100) | utf8mb4_general_ci | | No | *None* | | | ✏ Change | ⊖ Drop | More |

*Admin Login Table of Student_Career_Net Database*

| | # | Name | Type | Collation | Attributes | Null | Default | Comments | Extra | Action | | |
|---|---|------|------|-----------|------------|------|---------|----------|-------|--------|---|---|
| ☐ | 1 | **UniRegNo** 🔑 | varchar(100) | utf8mb4_general_ci | | No | *None* | | | ✏ Change | ⊖ Drop | More |
| ☐ | 2 | **Email** 🔑 | varchar(200) | utf8mb4_general_ci | | No | *None* | | | ✏ Change | ⊖ Drop | More |
| ☐ | 3 | **Interests** | text | utf8mb4_general_ci | | No | *None* | | | ✏ Change | ⊖ Drop | More |

*Stdent Update Table of Student_Career_Net Database*

# THE TEAM



Tharushi

Isuranga

Tharaka

Shanuka

THANK YOU!