Project: Students' College Attendance Management System

This project is a web-based application designed to manage student attendance efficiently. Professors can log in, mark attendance and monitor attendance records for individual students.

Features

- Professor Login: Secure login system for professors to access attendance records.
- Division Selection: Professors can choose between Div A or Div B to manage attendance.
- Mark Attendance: Easily mark students as present or absent for a specific date.

Technology Stack

Frontend: HTML, CSS, JavaScript, Bootstrap 5

Backend: Node.js, Express.js
Database: SQLite3

Folder Structure

```
├── admin_login.html                # HTML File
├── attendance.html                 # HTML File
├── index.html                      # HTML File
├── main_index.html                 # HTML File
├── server.js                       # js File
├── attendance.db                   # Database File
├── css                             # CSS Files Folder
│   └── admin_login.css             #CSS File
│   └── attendance.css              #CSS File
│   └── font.css                    #CSS File
│   └── index.css                   #CSS File
├── fonts                           # Font Files Folder
│   └── Barlow                      #Font Folder
│       └── attendance.css          #CSS File
├── images                          # Image Files Folder
│   └── about-us.jpg                #Image File
│   └── attendance.jpg              # Image File
│   └── background-image.jpg        # Image File
│   └── email-photo.jpeg            # Image File
│   └── login.jpg                   # Image File
│   └── logo.png                    # Image File
```

Future Enhancements

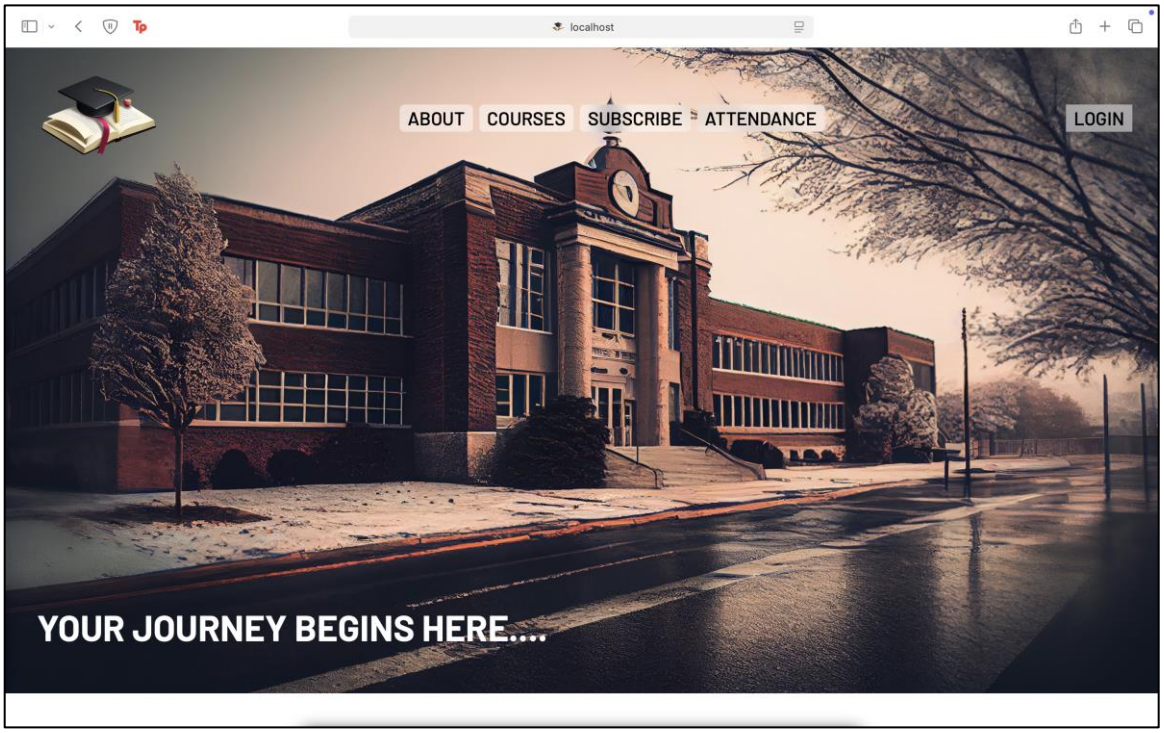
- Add graphical representations of attendance (e.g., bar charts, pie charts)
- Implement notifications for low attendance
- Add a calendar view for attendance tracking
- Improve division handling efficiently

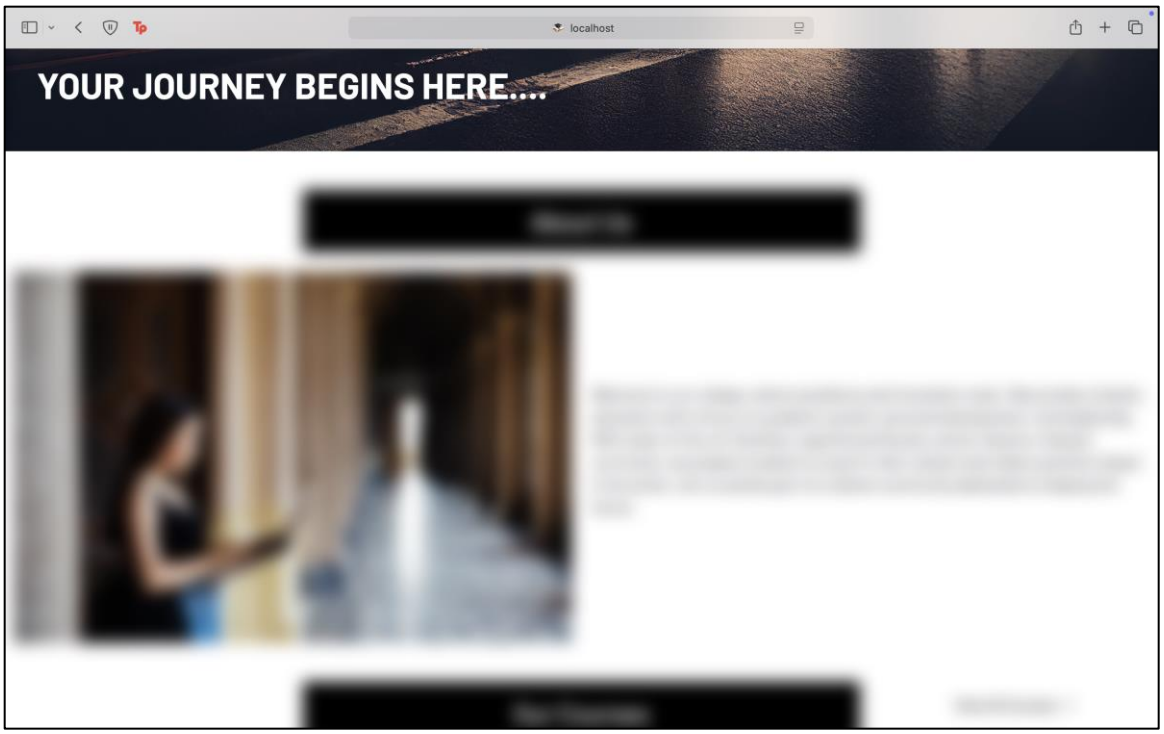
Usage

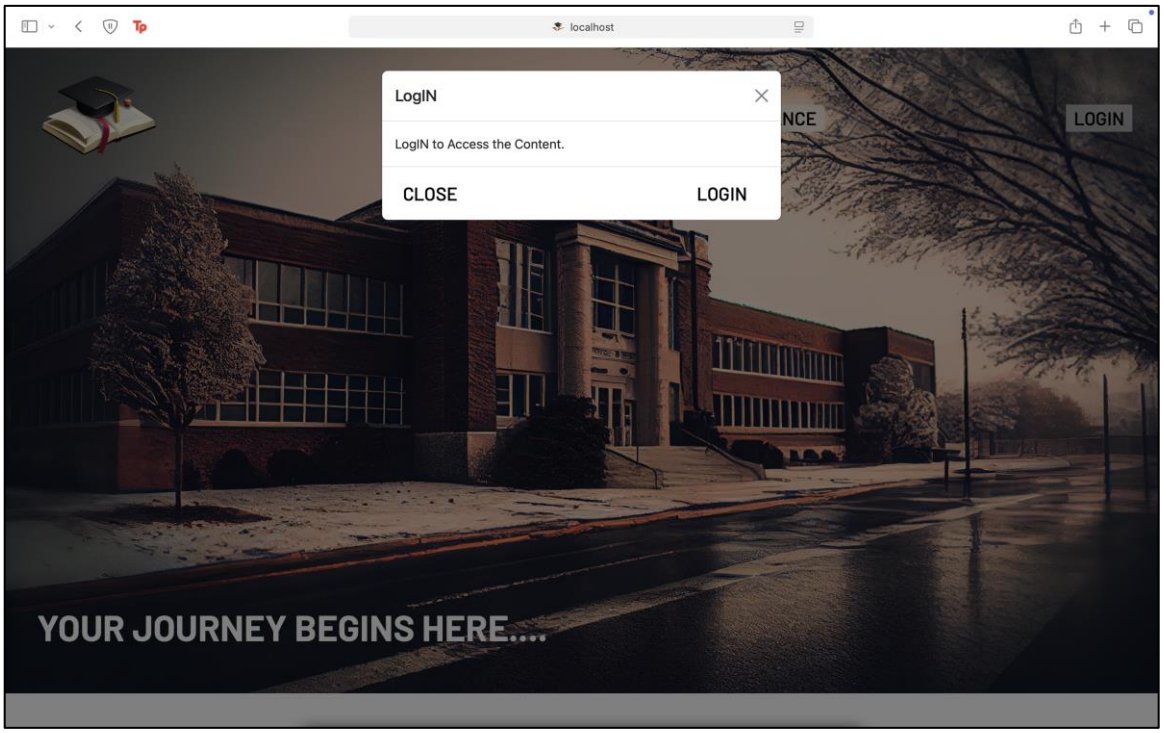
1. Open the web browser
2. LOG IN with user admin credentials or else you won't be able to see the page details (Default: username: admin, password: admin@123)
3. Go to Attendance button in navbar
4. Enter the details of student
5. See the attendance report by searching the student's name in database
6. LOG OUT

Screen Shots

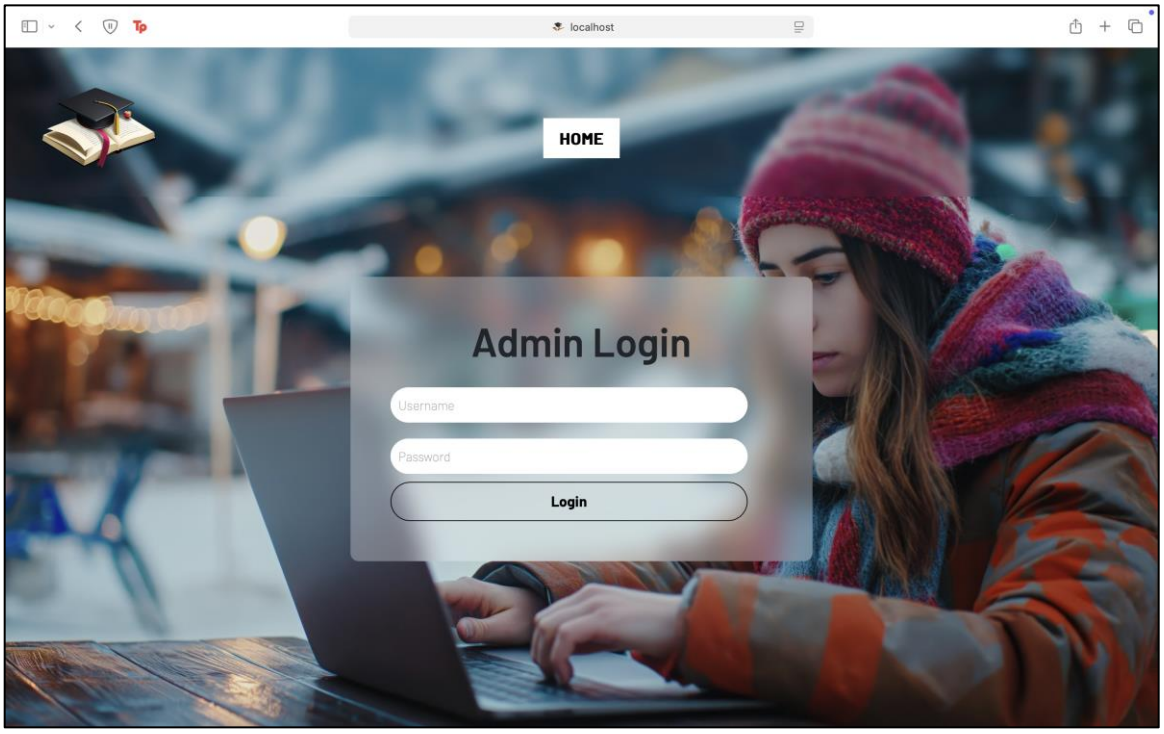
- **Landing Page**



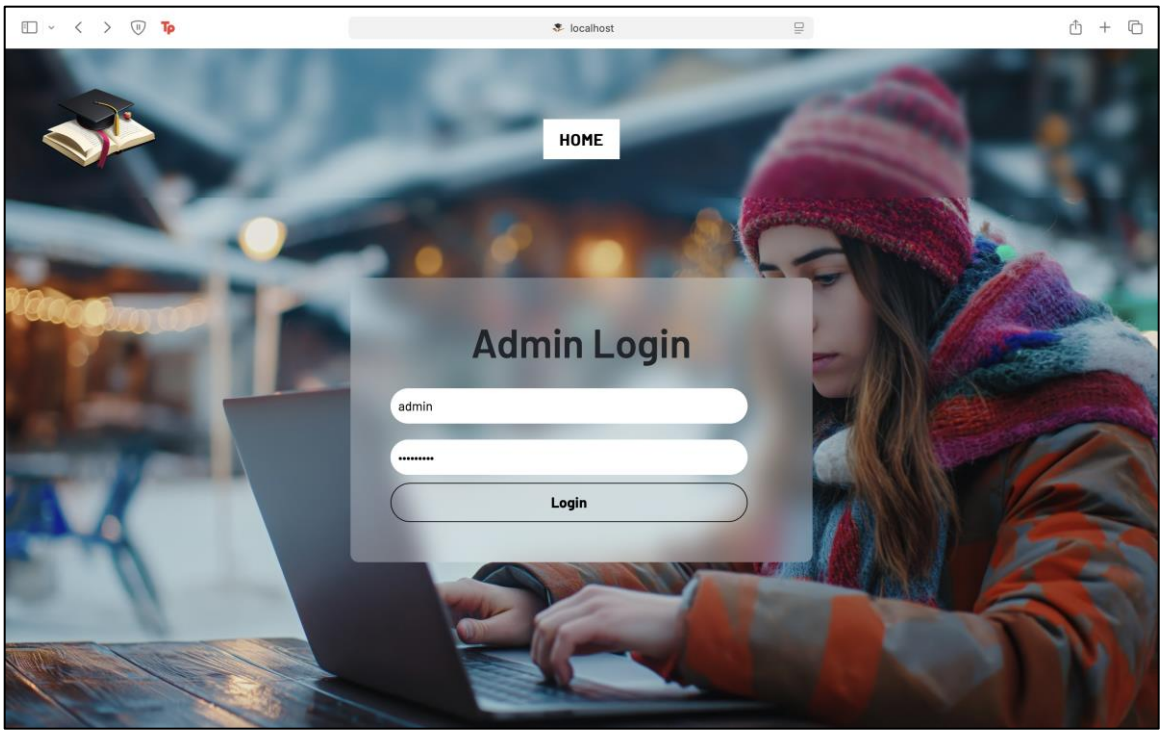

localhost
YOUR JOURNEY BEGINS HERE....


localhost
LogIN
LogIN to Access the Content.
CLOSE
LOGIN
LOGIN
YOUR JOURNEY BEGINS HERE....

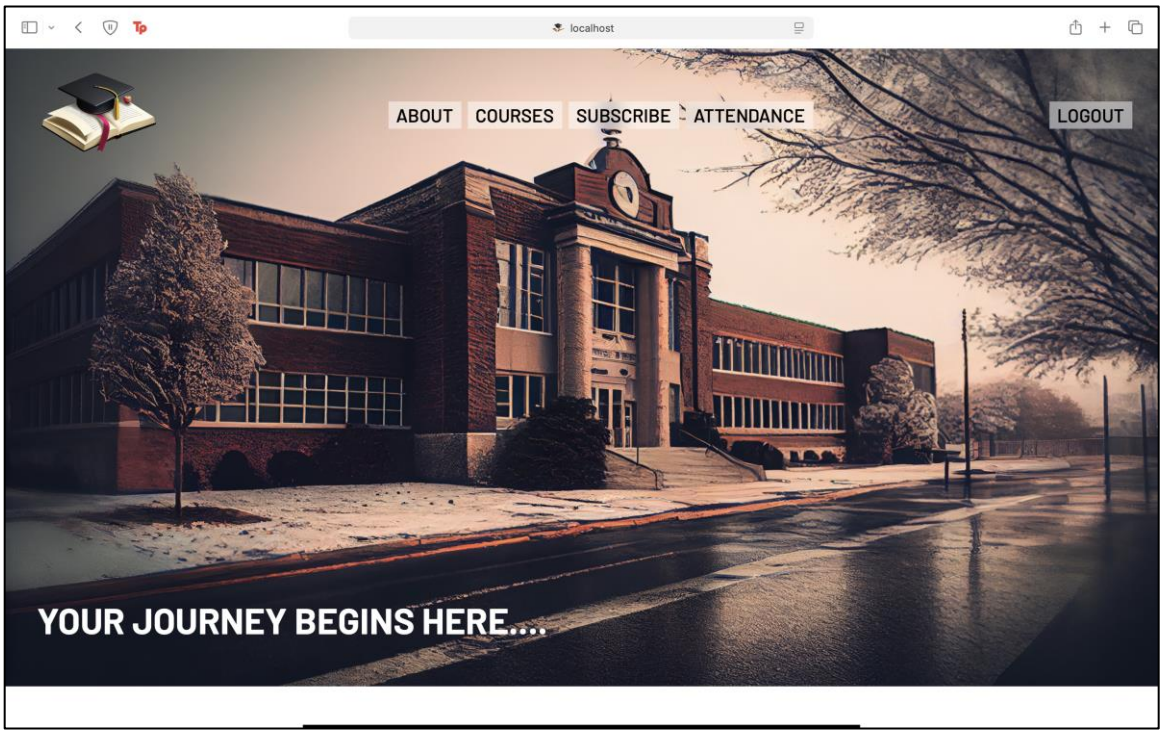
- **Login Page**

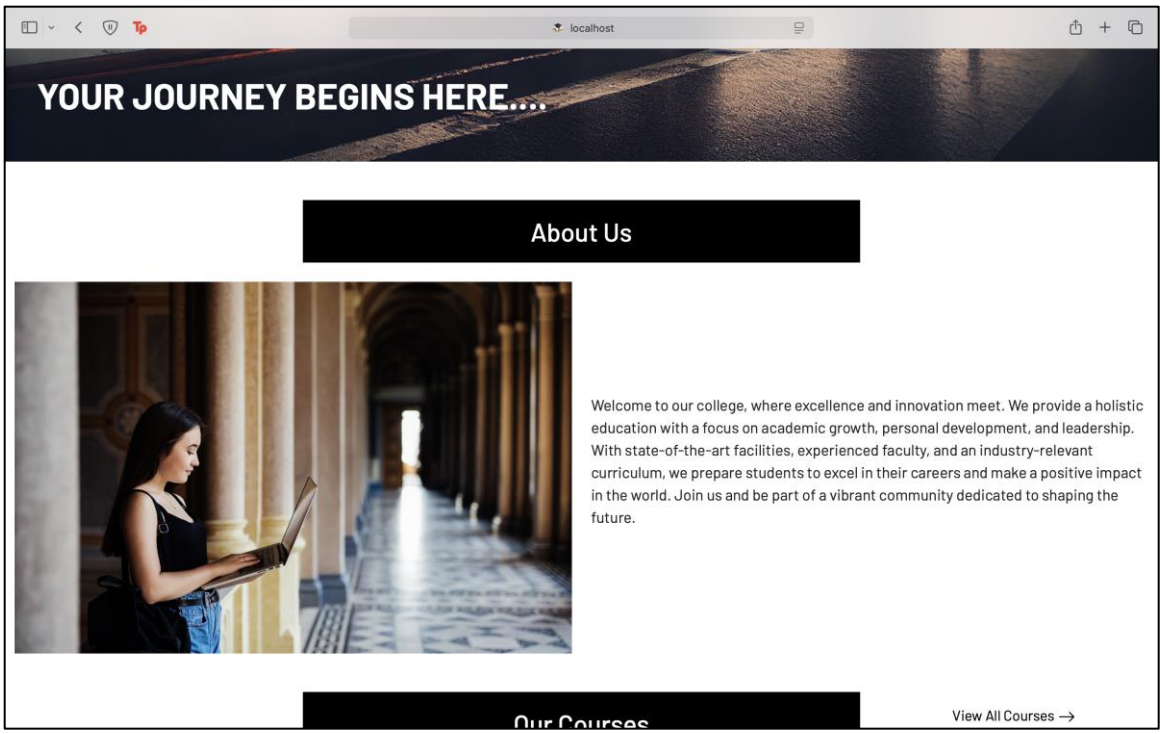

localhost
HOME
Admin Login
Username
Password
Login

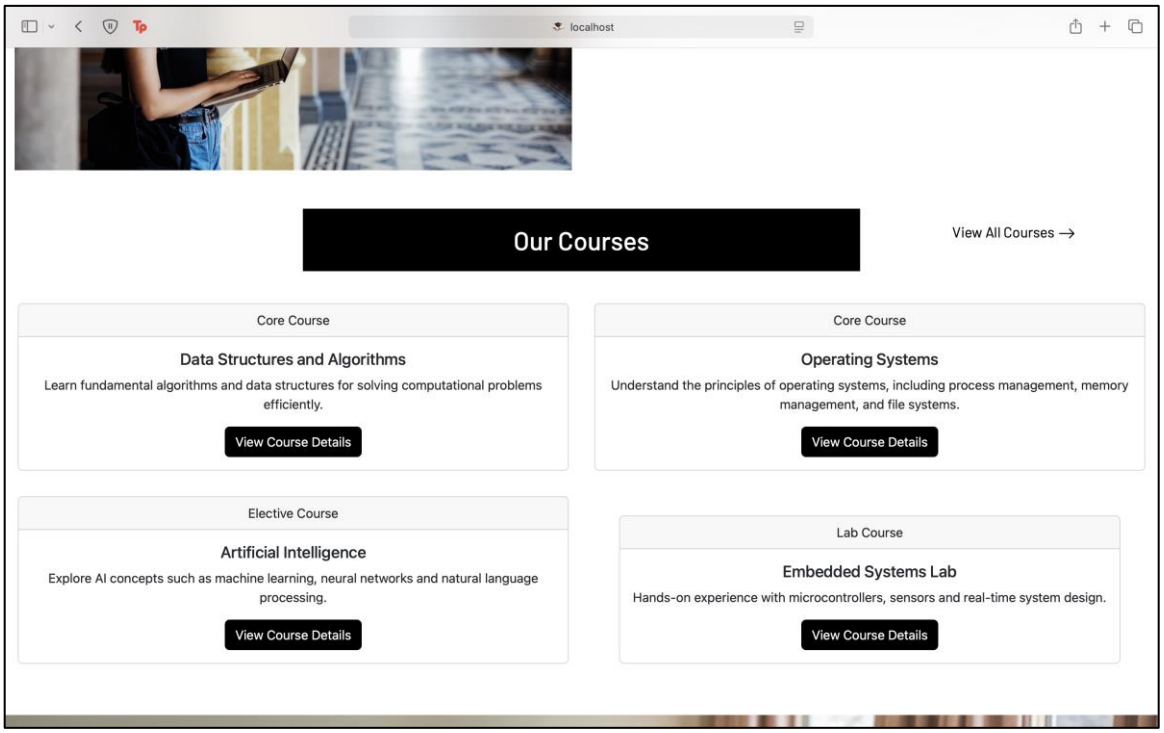
localhost
Invalid credentials.



- **After Logging In**




localhost
YOUR JOURNEY BEGINS HERE....
About Us
Welcome to our college, where excellence and innovation meet. We provide a holistic education with a focus on academic growth, personal development, and leadership. With state-of-the-art facilities, experienced faculty, and an industry-relevant curriculum, we prepare students to excel in their careers and make a positive impact in the world. Join us and be part of a vibrant community dedicated to shaping the future.
Our Courses
View All Courses →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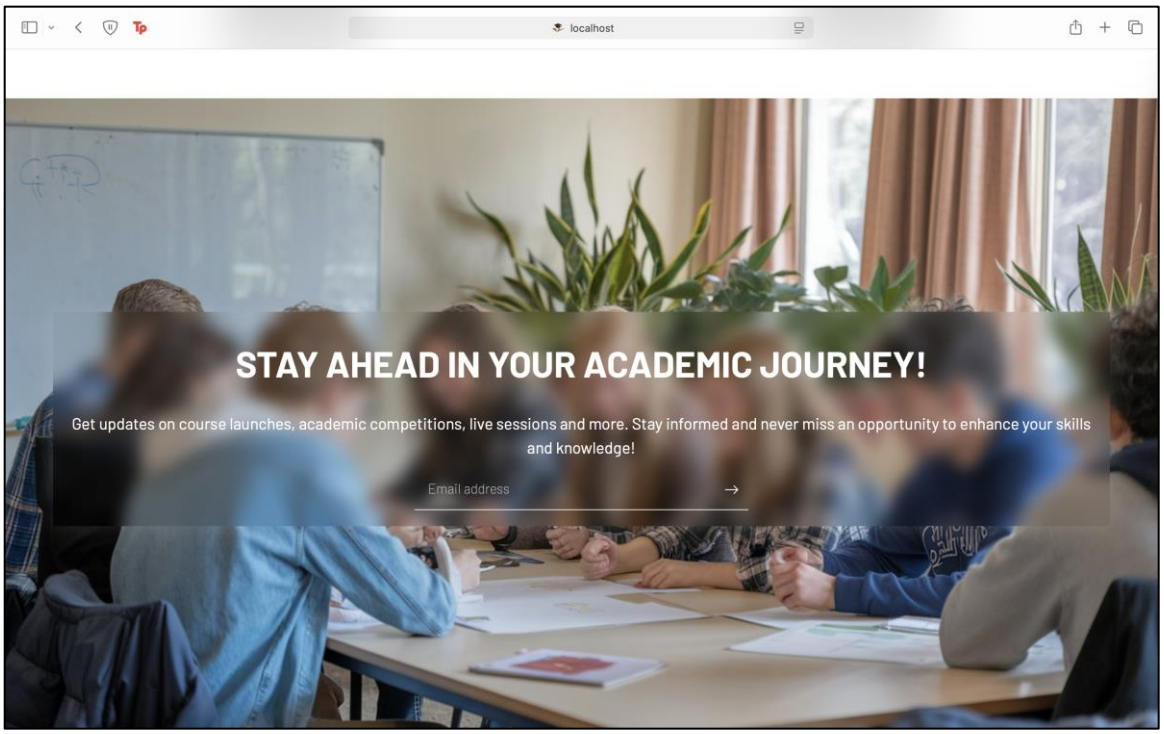
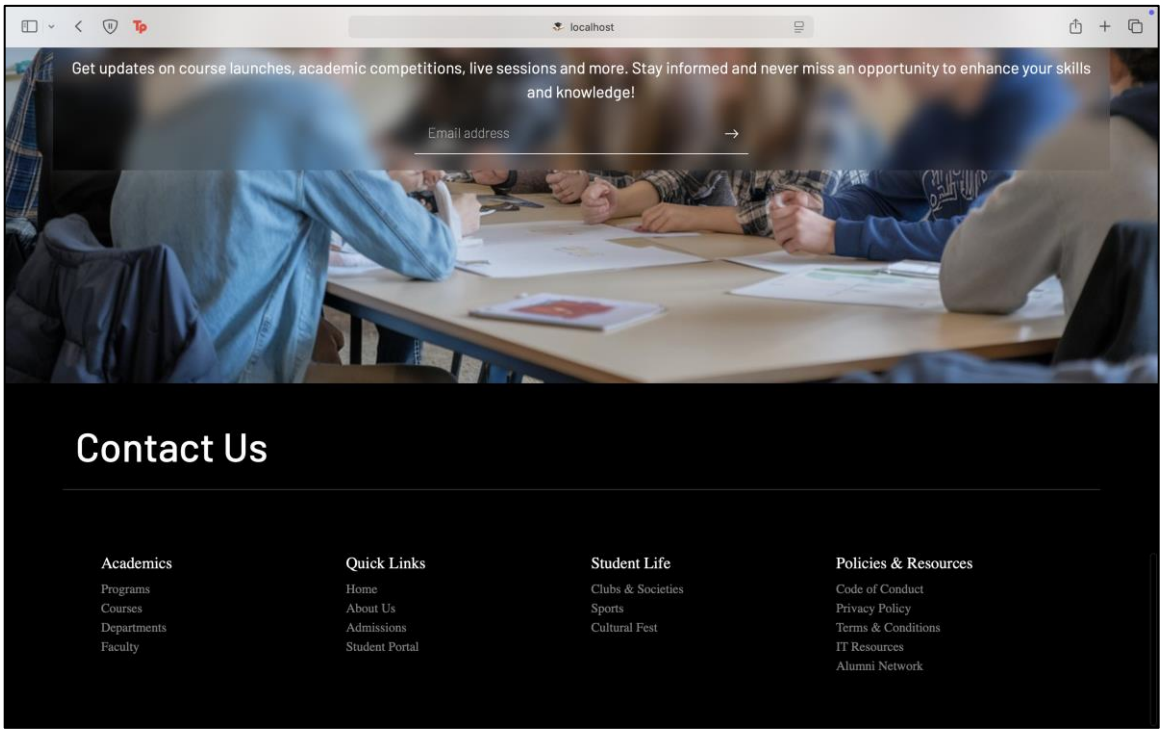
Our Courses
View All Courses →
Core Course
Data Structures and Algorithms
Learn fundamental algorithms and data structures for solving computational problems efficiently.
View Course Details
Core Course
Operating Systems
Understand the principles of operating systems, including process management, memory management, and file systems.
View Course Details
Elective Course
Artificial Intelligence
Explore AI concepts such as machine learning, neural networks and natural language processing.
View Course Details
Lab Course
Embedded Systems Lab
Hands-on experience with microcontrollers, sensors and real-time system design.
View Course Details


localhost
STAY AHEAD IN YOUR ACADEMIC JOURNEY!
Get updates on course launches, academic competitions, live sessions and more. Stay informed and never miss an opportunity to enhance your skills and knowledge!
Email address


localhost
Get updates on course launches, academic competitions, live sessions and more. Stay informed and never miss an opportunity to enhance your skills and knowledge!
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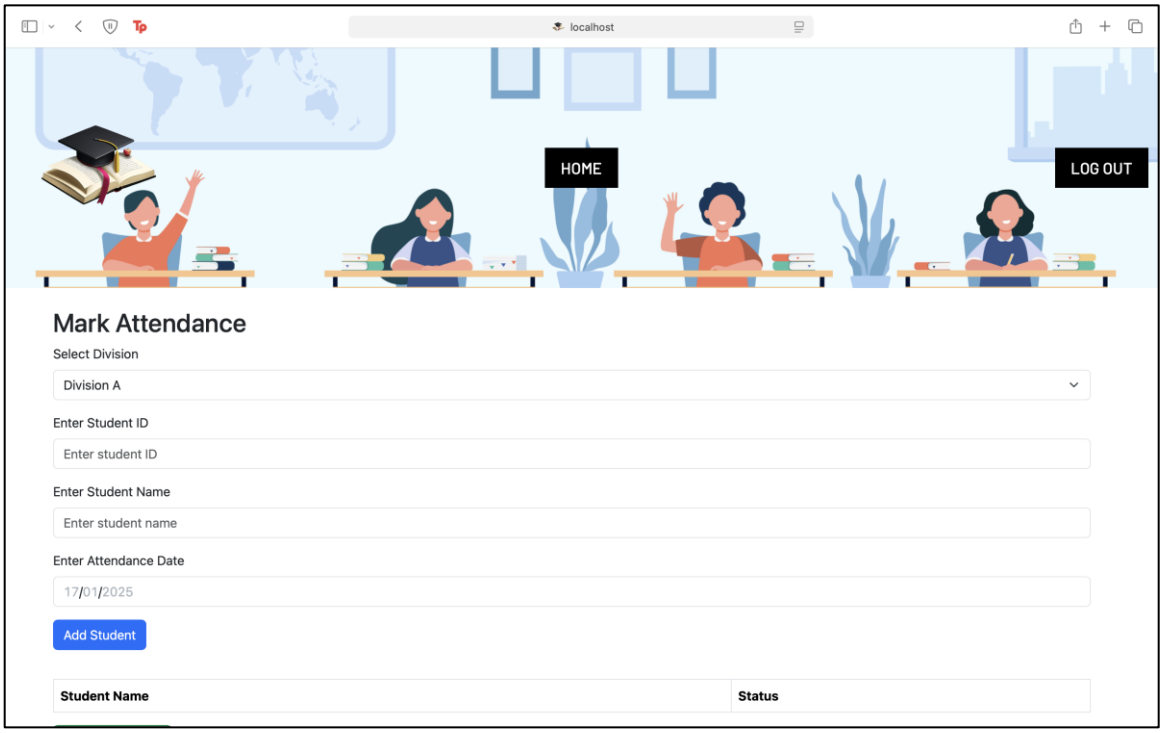
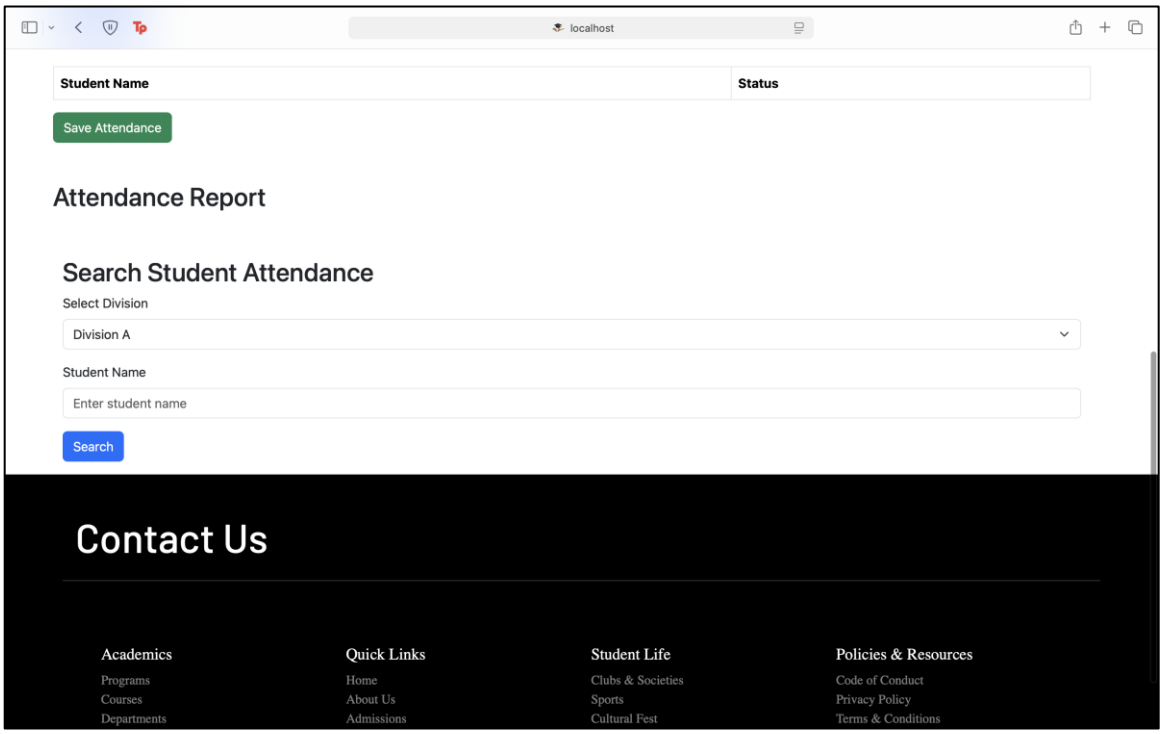
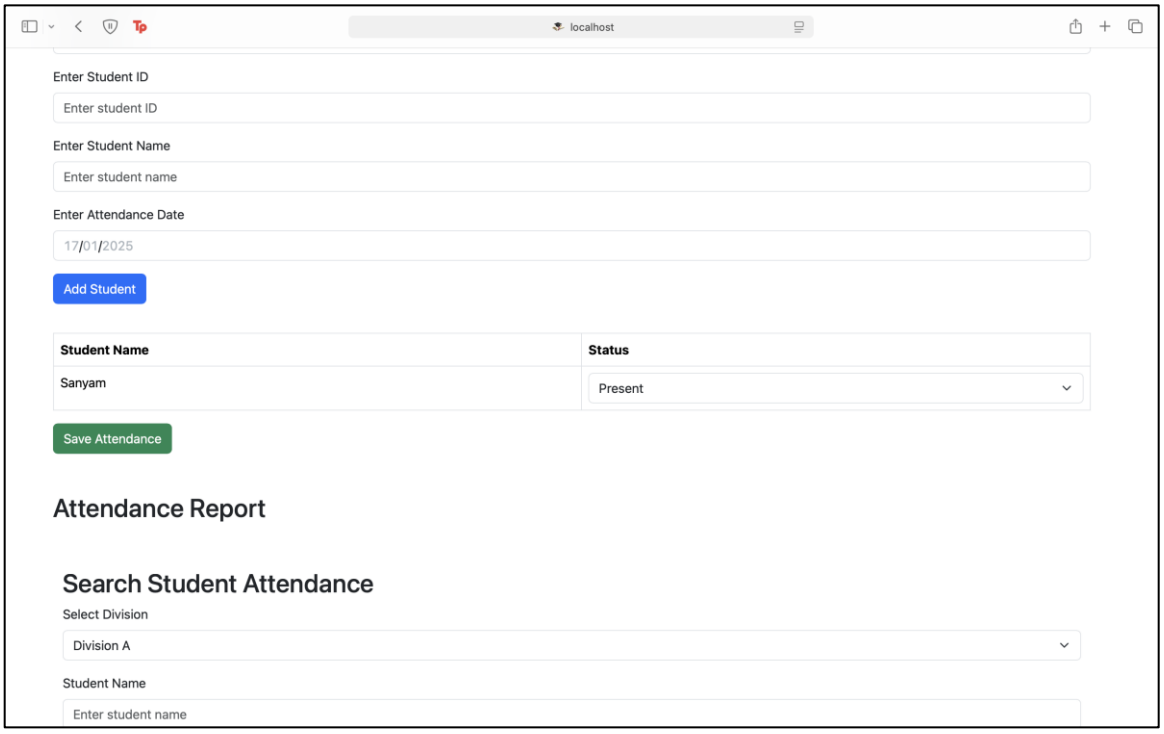
Sports
Cultural Fest
Policies & Resources
Code of Conduct
Privacy Policy
Terms & Conditions
IT Resources
Alumni Network

- **Attendance Page**

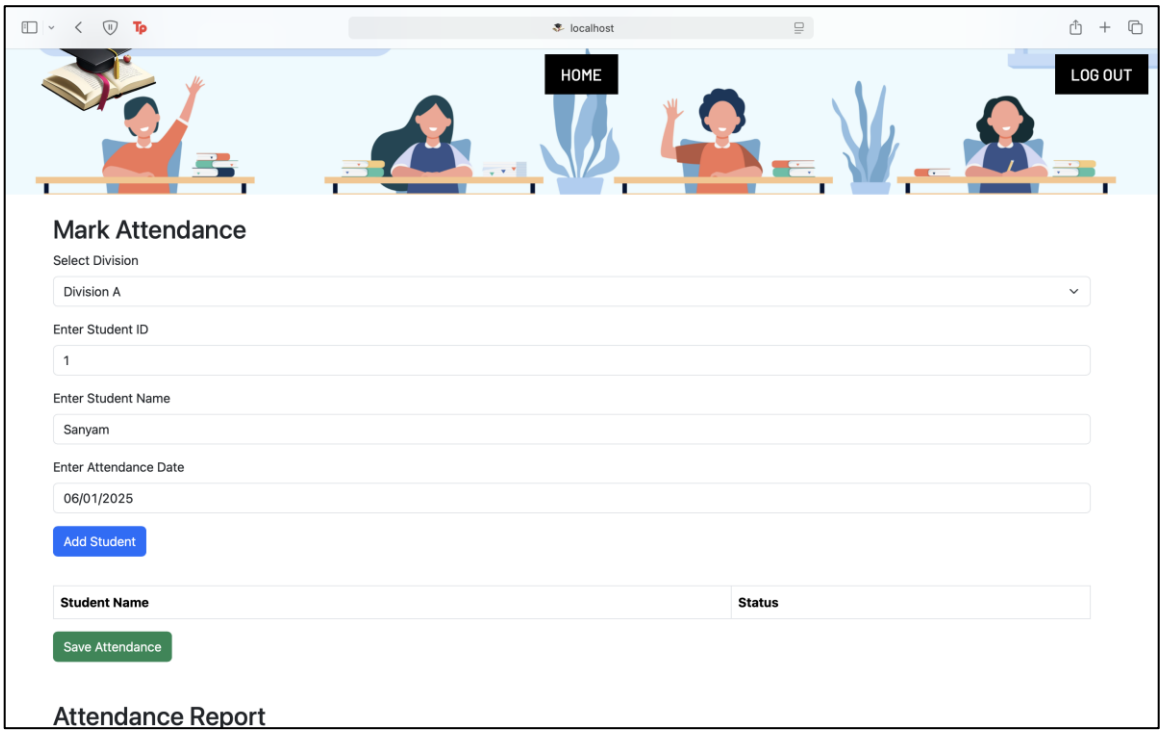


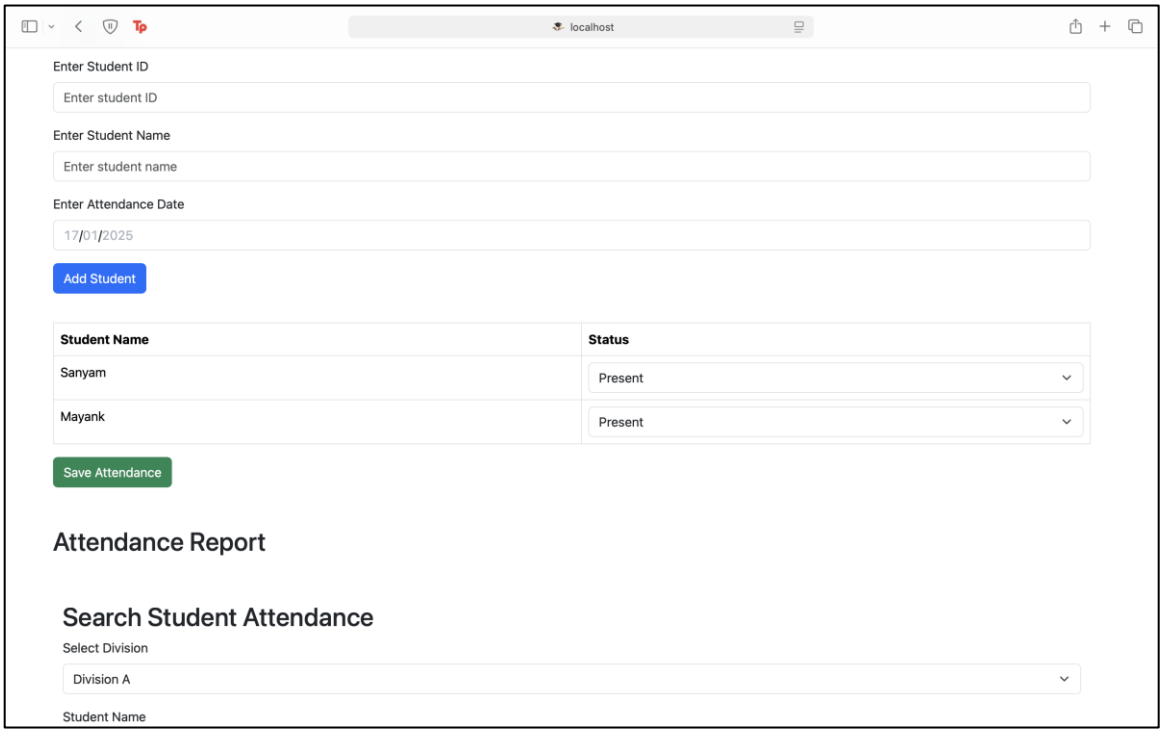


- **Inputting Data in Attendance Page**

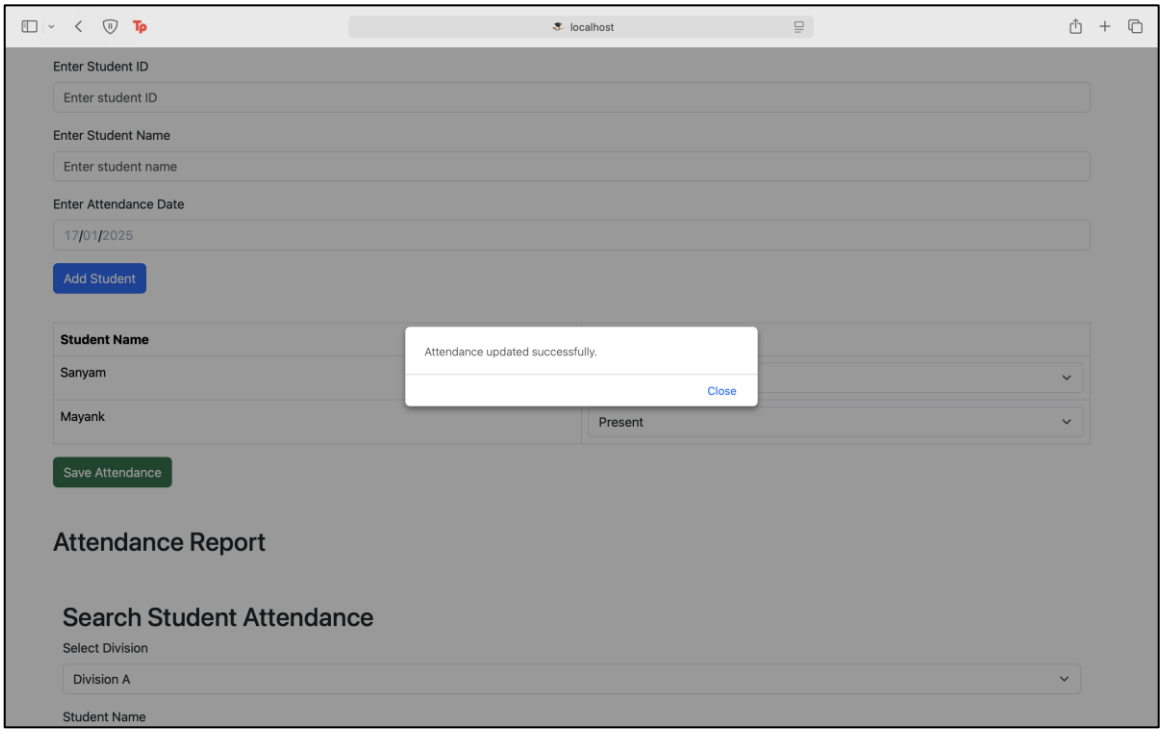


- **Add Student to Attendance List**

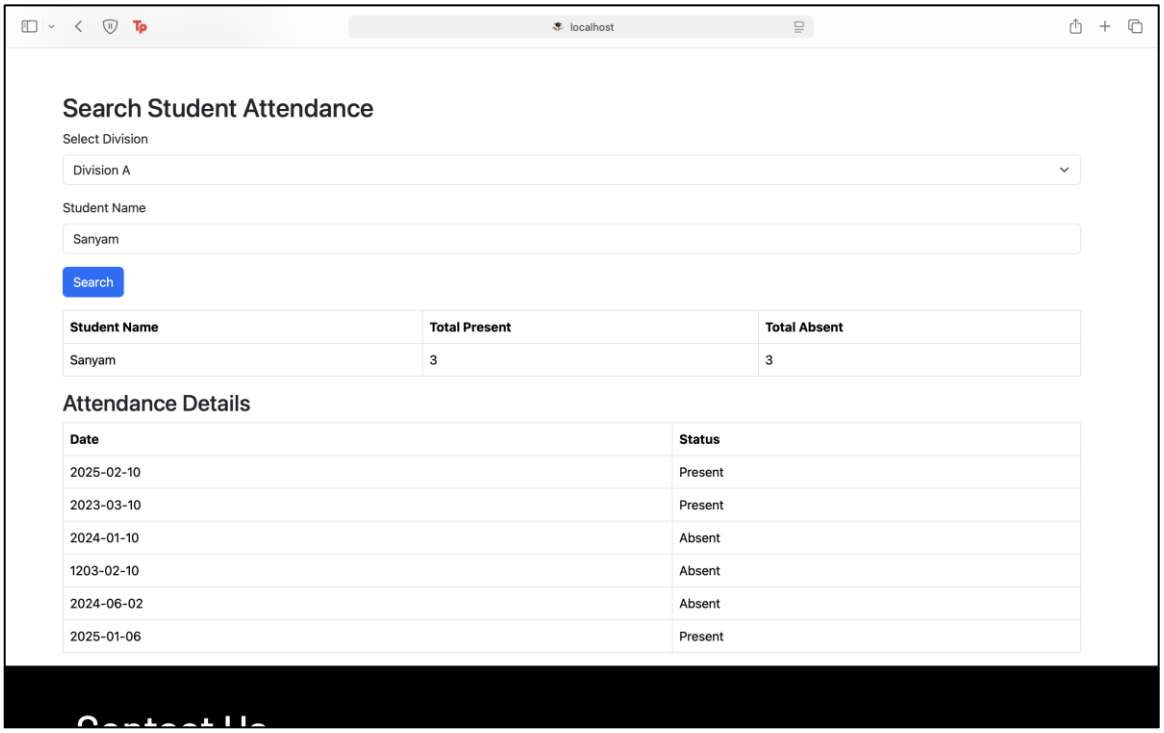


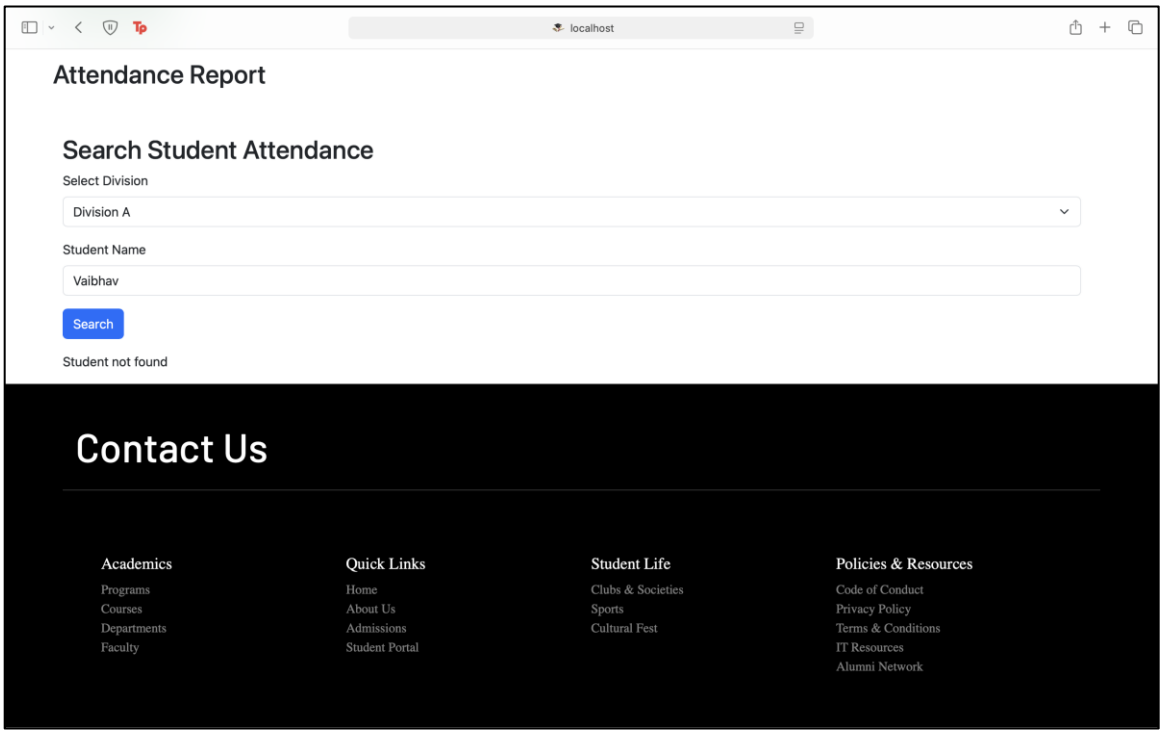


- **Save Attendance for Added Student**



- **Searching Student's Record form the Database**





Github Link

https://github.com/Sanyam0501/Student-Attendance-Management-System.git