

1. Introduction

This manual provides instructions on how to use the Student and Course Management System. This web-based application allows administrators to manage courses, enroll students, and view student details. The system also has a dedicated API (Application Programming Interface).

2. System Overview

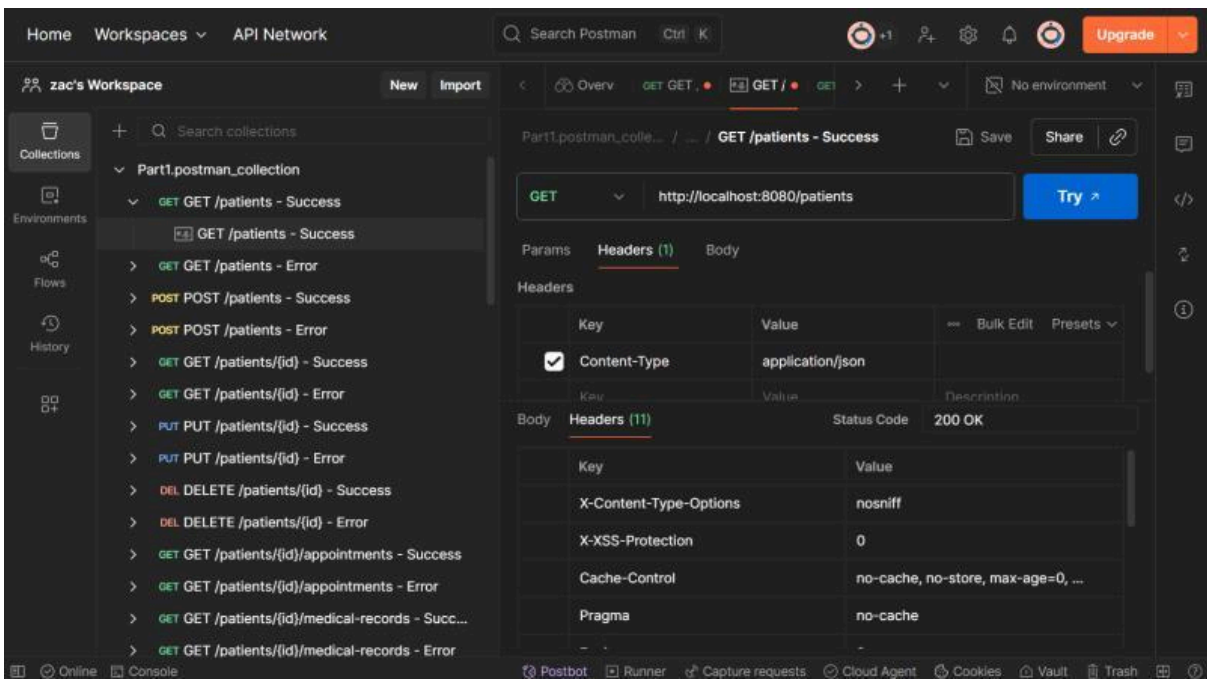
The main components of the system are:

Courses Management: Create, view, and delete courses.

Student Management: Add new students and view their profiles.

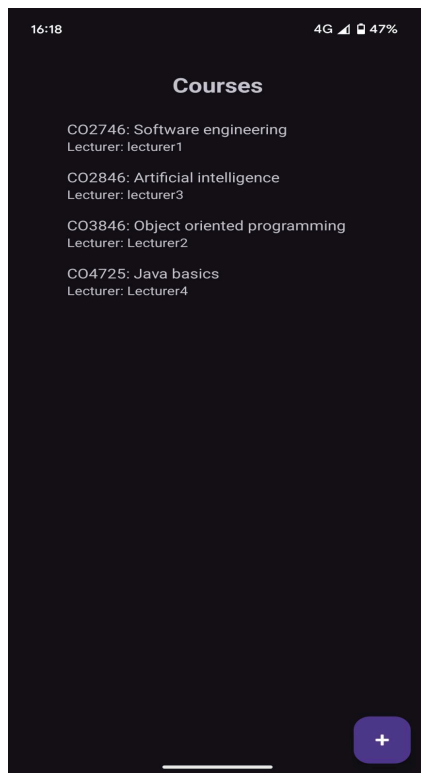
Enrollment Management: Enroll and unenroll students from courses.

API Backend: A RESTful API (managed via tools like Postman) that handles all data operations for patients/students, appointments, and medical records.



3. Managing Courses

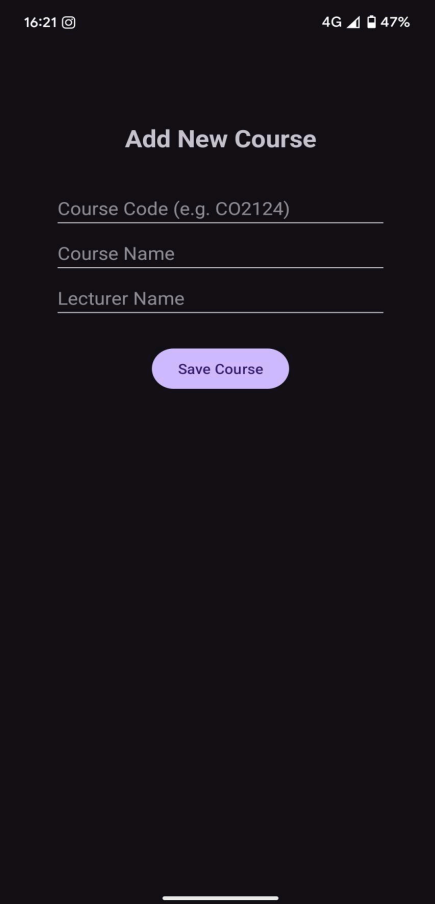
3.1. Viewing All Courses



The main "Courses" screen displays a list of all courses in the system.

Each course is listed with its Course Code (e.g., CO2746), Course Name (e.g., Software Engineering), and the assigned Lecturer.

3.2. Adding a New Course



The screenshot shows a mobile application interface with a dark background. At the top, the status bar displays the time 16:21, a camera icon, 4G signal, and 47% battery. The main heading is "Add New Course" in white. Below it are three input fields: "Course Code (e.g. CO2124)", "Course Name", and "Lecturer Name", each with a light blue underline. A blue rounded button labeled "Save Course" is positioned below the input fields. A white horizontal line is visible at the very bottom of the screen.

Navigate to the "Add New Course" section.

Fill in the required fields:

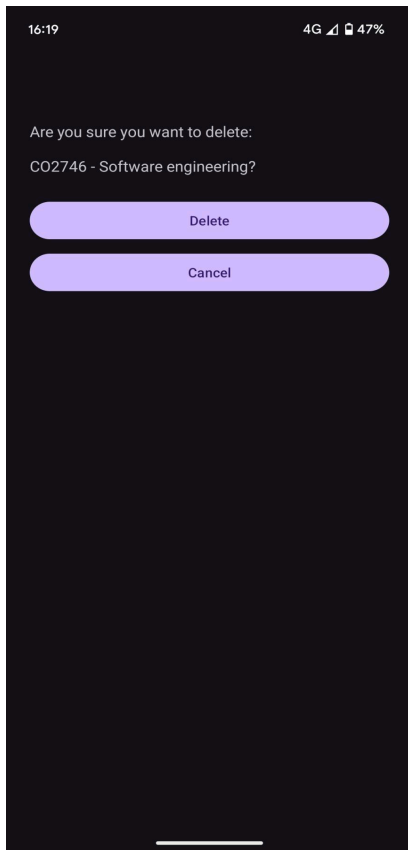
Course Code: Enter a unique identifier (e.g., CO2124).

Course Name: Enter the full name of the course.

Lecturer Name: Enter the name of the lecturer teaching the course.

Click the "Save Course" button to add the course to the system.

3.3. Deleting a Course



From the course list, initiate the delete action for a specific course.

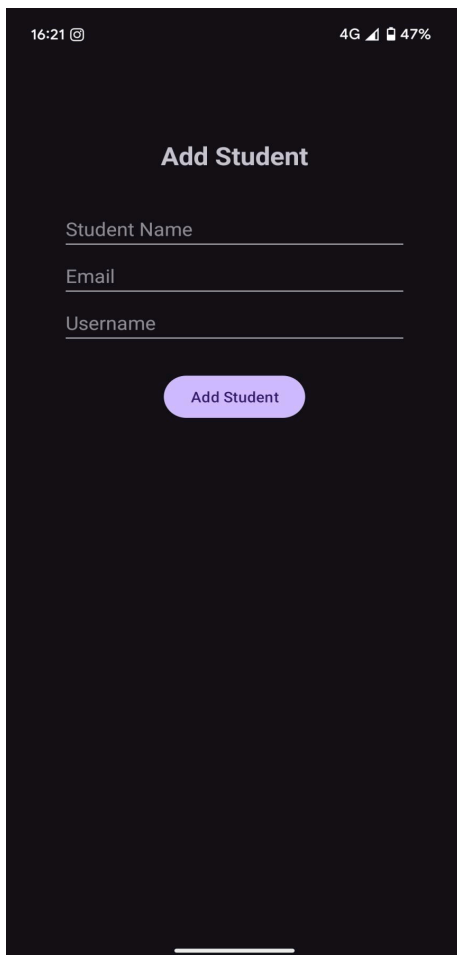
A confirmation dialog will appear: "Are you sure you want to delete: [Course Code] - [Course Name]?"

To proceed with deletion, click the "Delete" button.

To cancel and keep the course, click the "Cancel" button.

4. Managing Students

4.1. Adding a New Student



The screenshot shows a mobile application interface with a dark background. At the top, the status bar displays the time 16:21, a camera icon, 4G connectivity, signal strength, and 47% battery. The main heading is "Add Student" in white. Below it are three input fields: "Student Name", "Email", and "Username", each with a light blue underline. A blue rounded button labeled "Add Student" is positioned below the input fields. A white horizontal line is visible at the bottom of the screen, indicating the home indicator area.

Navigate to the "Add Student" section.

Fill in the required student information:

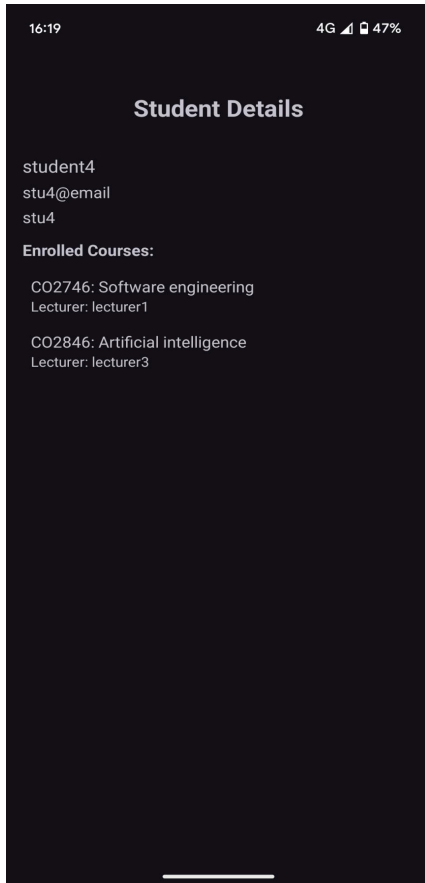
Student Name

Email

Username

Click the "Add Student" button to create the new student account.

4.2. Viewing Student Details

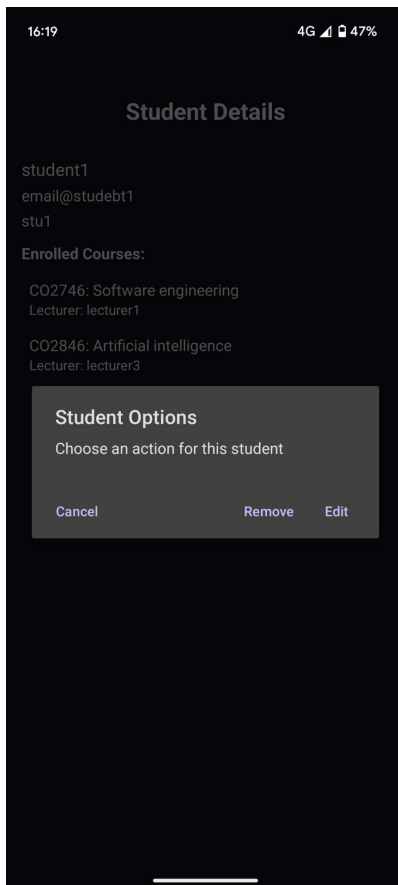


The "Student Details" screen provides a comprehensive overview of a student.

It displays the student's core information: Name, Email, and Username.

It also lists all courses the student is currently enrolled in, showing the Course Code, Course Name, and Lecturer for each.

4.3. Student Actions (Edit/Remove)



From the Student Details page, you can perform actions on the student profile.

Under the "Student Options" section, choose an action for the student.

Available actions are:

Cancel: Closes the options menu without making changes.

Remove: Deletes the student's profile from the system (a confirmation is likely required).

Edit: Allows you to modify the student's details (name, email, username).

(Note: The images do not show the enrollment interface, but it is implied that students can be enrolled/unenrolled from courses from their details page or a separate enrollment screen.)

5 Testing with Postman

The provided Postman collection ("Part1.postman_collection") contains pre-configured requests for testing both successful operations and error scenarios (e.g., trying to fetch a student that doesn't exist). Use this collection to ensure the API is functioning correctly.

6. Troubleshooting

API Error: If an API call fails, check the HTTP Status Code in the response (e.g., 404 Not Found, 400 Bad Request). Ensure the request URL, method, and headers (especially Content-Type: application/json) are correct.

Course/Student Not Appearing: After adding a new course or student, refresh the page to see the updated list.

Delete Action: Remember that deletion is often permanent. Always confirm you have selected the correct item before confirming deletion.