

AI ASSISTED CODING

NAME: G.SANJANA

ENROLL NUMBER: 2403A52380

BATCH NUMBER :14

## Lab assignment-15.4

### **Task 1 – Student Records API**

#### **Task:**

Use AI to build a RESTful API for managing student records.

#### **Instructions:**

- Endpoints required:
  - GET /students → List all students
  - POST /students → Add a new student
  - PUT /students/{id} → Update student details
  - DELETE /students/{id} → Delete a student record
- Use an **in-memory data structure (list or dictionary)** to store records.

Ensure API responses are in **JSON format**