**Project: Student Registration System**

**Objective:** Create a basic student registration system with two microservices to learn service separation, REST APIs, and inter-service communication.

Create the project with cloudgate way, eureka server and 3 microservices

**Microservices to Develop:**

1. **Student Service**:
   * **Description**: Manages student information.
   * **Endpoints**:
     + **Add Student**: Register a new student with a name and ID.
     + **Get Student Details**: Retrieve student details by ID.
2. **Course Service**:
   * **Description**: Manages course information.
   * **Endpoints**:
     + **Add Course**: Register a new course with a course name and ID.
     + **Get Course Details**: Retrieve course details by ID.
3. **Enrollment Service**
   * **Description**: Connects students and courses.

Class which has Studid and course id

**Endpoints**:

* + - **Enroll Student**: Enroll a student in a course.
    - **Get Enrollments**: Retrieve a list of courses a student is enrolled in. **Steps:**

1. **Set Up Project**: Use Spring Initializr to create separate Spring Boot projects for each microservice.
2. **Create REST Endpoints**: Set up basic REST controllers and endpoints for CRUD operations.
3. **Inter-Service Communication** :Use REST calls between services if implementing Enrollment Service.

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