**Firestore Database Structure**

1. **Collections:**
   * students
   * courses
   * attendances

### ****Schema****

1. **Students**  
   Stores all students and the courses they are enrolled in.

students

|-- L20612411 / student id

|-- name: "John Doe"

|-- email: [john@example.com](mailto:john@example.com)

|-- enrolledCourses: ["courseId1", "courseId2"]

1. **Courses**  
   Stores all courses and the students enrolled in them.

courses

|-- courseId1

|-- name: "Math 101"

|-- description: "Basic Mathematics"

|-- enrolledStudents: ["studentId123", "studentId456"]

1. **Attendances**  
   Tracks attendance for each student by date and course.

attendances

|-- attendanceId1

|-- studentId: "studentId123"

|-- courseId: "courseId1"

|-- date: "2023-12-08"

|-- status: "present"