Schema Documentation

Tables:

* students
  + student\_id (PK): Unique identifier for each student
  + Fname: Student's first name
  + Lname: Student's last name
  + phone: Student's phone number
  + email: Student's email address
  + DOB: Student's date of birth
  + street: Student's street address
  + city: Student's city
  + department\_id (FK): References the student's department
* departments
  + department\_id (PK): Unique identifier for each department
  + department\_name: Name of the department
* courses
  + course\_id (PK): Unique identifier for each course
  + course\_name: Name of the course
  + course\_description: Description of the course
  + department\_id (FK): References the department offering the course
* enroll
  + student\_id (FK): References the student enrolled in the course
  + course\_id (FK): References the course the student is enrolled in
  + grade (newly added): The student's grade in the course

Relationships:

* Students has a many-to-many relationship with Courses through the enroll table. This means a student can enroll in multiple courses, and a course can have multiple students enrolled.
* Courses has a one-to-many relationship with Departments. Each course belongs to one department, and a department can offer multiple courses.
* Students has a one-to-many relationship with grades within the enroll table. Each student can have multiple grades (one for each enrolled course), but each grade is associated with only one student and one specific course enrollment.
* Courses has a one-to-many relationship with grades within the enroll table. Each course can have multiple grades (one for each enrolled student), but each grade is associated with only one course and one specific student enrollment.