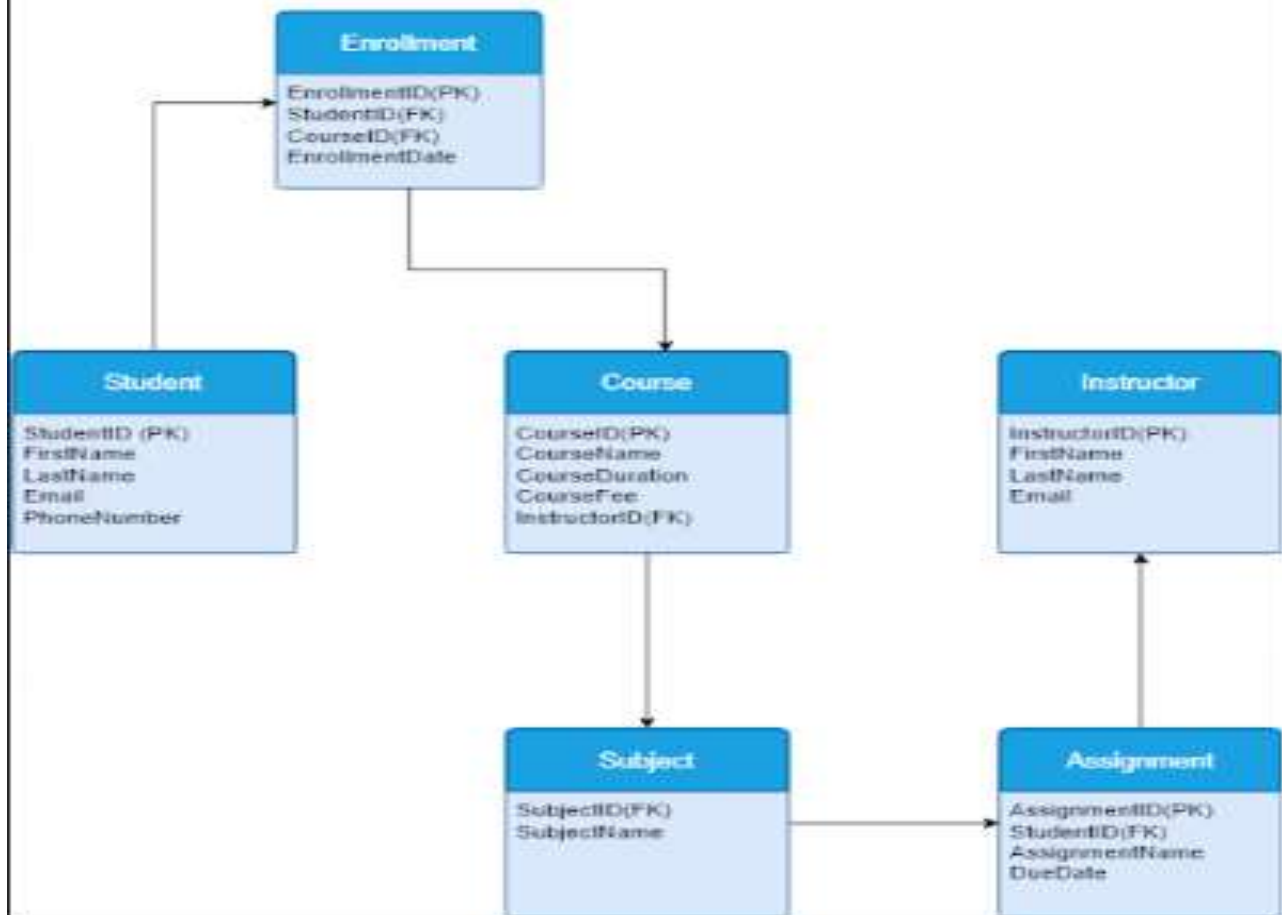# Student Management System

Below is the ER diagram of Student Management System. It contains entities like Student, Course, Enrollment, Subject, Instructor and Assignment. Students are linked to Course through Enrollment, while Courses can have multiple Subjects, while each Subject might have multiple Assignments. Instructors are associated with Assignments, indicating they provide or see these tasks within the course. The relationship between these entities illustrates how students enroll in courses, how assignments are associated with courses, and how instructors provide assignments within those courses.

Student Management System Database Design

Here are the entities along with attributes.

Student:

StudentID	Integer	Primary Key
FirstName	String	
LastName	String	
Email	String	
PhoneNumber	Integer	

Course:

CourseID	Integer	Primary Key
CourseName	String	
CourseDuration	Integer	
CourseFee	Integer	
InstructorId	Integer	Foreign Key

Enrollment:

EnrollmentID	Integer	Primary Key
StudentID	Integer	Foreign Key
CourseID	Integer	Foreign Key
EnrollmentDate	Date	

Subject:

SubjectId	Integer	Primary Key
SubjectName	String	

Instructor:

InstructorID	Integer	Primary key
FirstName	String	
LastName	String	
Email	String	

Assignment:

AssignmentID	Integer	Primary Key
StudentID	Integer	Foreign Key

AssignmentName	String	
DueDate	Date	