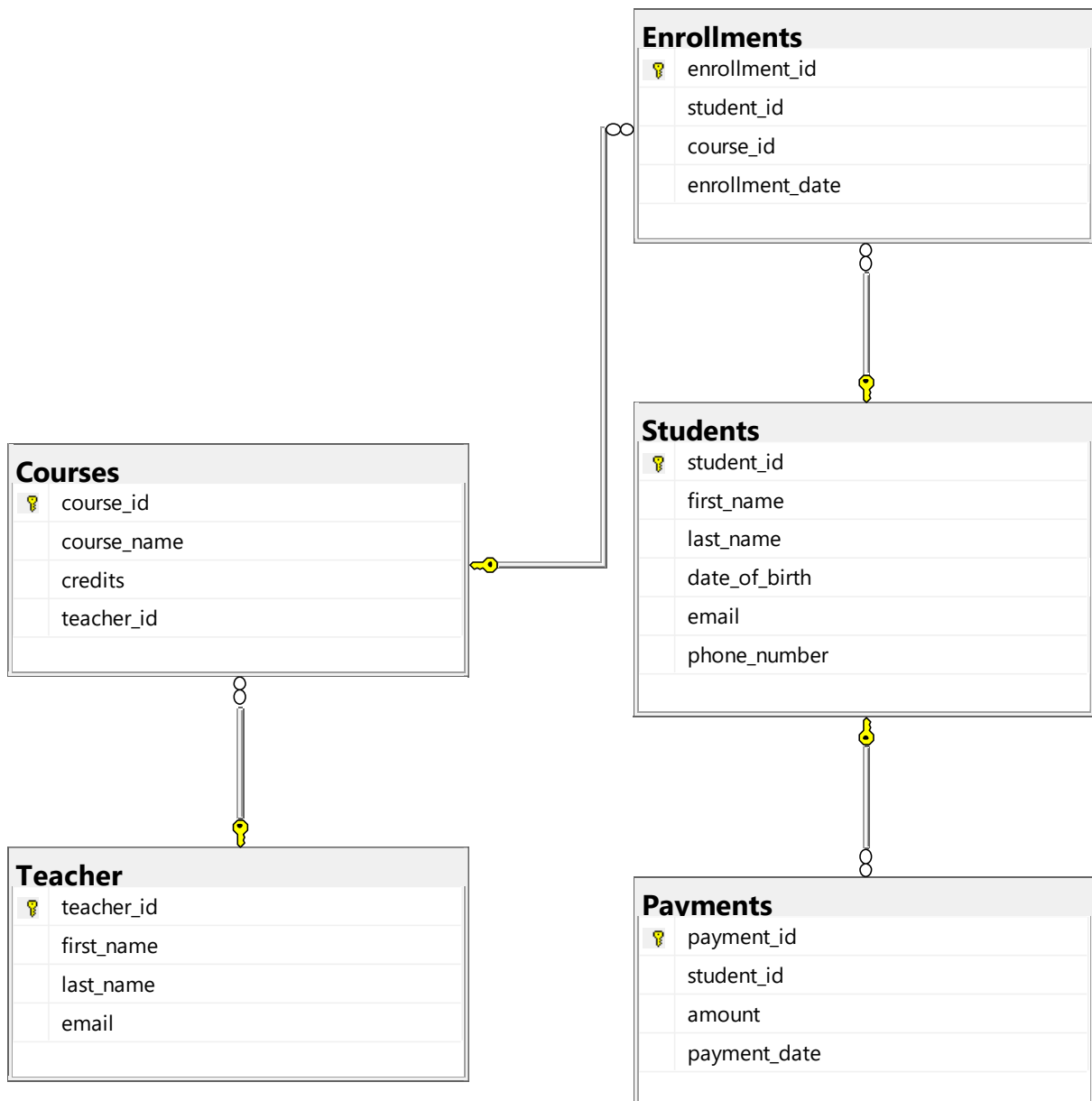


SQL SCHEMA

NAME: Aniroop Gupta

ASSIGNMENT: Student Information System

1. Entity Relationship Diagram



```
CREATE TABLE Students (  
    student_id INT PRIMARY KEY IDENTITY(1,1),  
    first_name VARCHAR(50),  
    last_name VARCHAR(50),  
    date_of_birth VARCHAR(20),  
    email VARCHAR(100),  
    phone_number VARCHAR(20)  
);
```

```
CREATE TABLE Teacher (  
    teacher_id INT PRIMARY KEY IDENTITY(1,1),  
    first_name VARCHAR(50),  
    last_name VARCHAR(50),  
    email VARCHAR(100)  
);
```

```
CREATE TABLE Courses (  
    course_id INT PRIMARY KEY,  
    course_name VARCHAR(100),  
    credits INT,  
    teacher_id INT,  
    FOREIGN KEY (teacher_id) REFERENCES Teacher(teacher_id)  
);
```

```
CREATE TABLE Enrollments (  
    enrollment_id INT PRIMARY KEY IDENTITY(1,1),  
    student_id INT,  
    course_id INT,  
    enrollment_date VARCHAR(50),  
    FOREIGN KEY (student_id) REFERENCES Students(student_id),  
    FOREIGN KEY (course_id) REFERENCES Courses(course_id)
```

);

CREATE TABLE Payments (

payment_id INT PRIMARY KEY,

student_id INT,

amount INT,

payment_date VARCHAR(50),

FOREIGN KEY (student_id) REFERENCES Students(student_id)

);