Guardian	
PK,FK1	(Roll_No , Guardian CNIC)
	Name
UNQ	cnic
	relationship
UNQ	email

Finance	
PK,FK1	Roll_No
	TotalFee
	Remaining Fee

Student	
PK	roll_no
	Name (First Name, Last Name)
	Gender
UNQ	cnic
UNQ	email
	Address (City, Country)
	DOB
	Age

Transcript	
PK,FK1	RollNo
PK,FK2	Date
	Grade Letter
	GPA

Studies	
PK,FK2	(RollNo , Course_Id)
PK,FK2	(Time,Date)
	Status

Courses	
PK	Course_ID
	Name
	Credit Hours
	Type
	Has_Lab

Teaches	
PK,FK1	TeacherID.CourseID

Teacher	
PK	Teacher_ID
	Name(First Name, Last Name)
	Gender
	Cnic
	Address (Country, City)
	Email
	Date Of Birth
	Martial Status
	max_qualification

Table	
PK	rollNo / TeacherID
PK	Password
	isTeacher
	Row 2
	Row 3
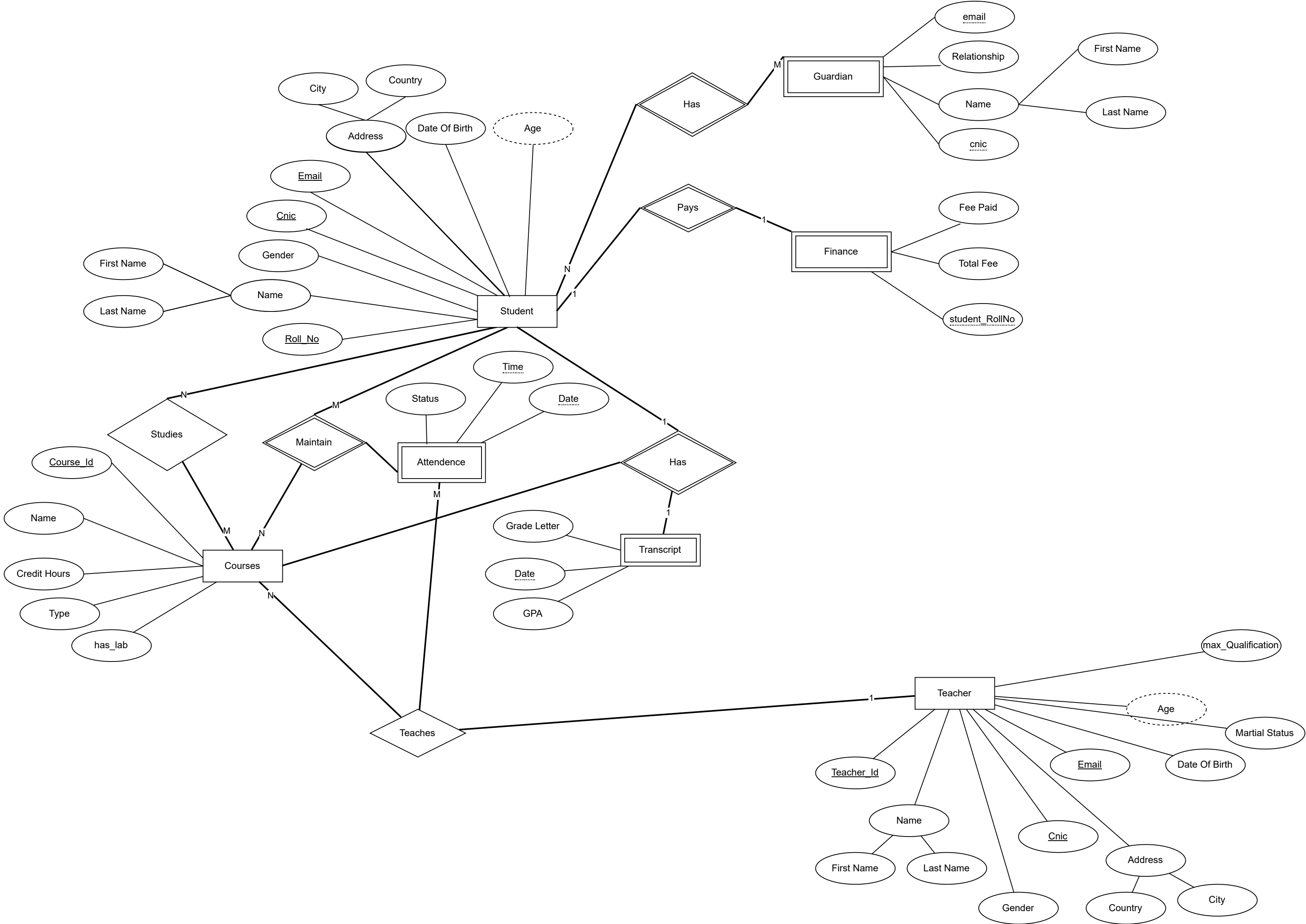
```sql
CREATE TABLE student (
    roll_no INT PRIMARY KEY,
    first_name VARCHAR(50),
    last_name VARCHAR(50),
    gender VARCHAR(10),
    cnic VARCHAR(15),
    email VARCHAR(100),
    city VARCHAR(50),
    country VARCHAR(50),
    dob DATE,
    -- age INT AS (YEAR(CURRENT_DATE) - YEAR(dob))
);

CREATE TABLE Guardian (
    RollNo INT,
    GuardianCNIC VARCHAR(15),
    FirstName VARCHAR(50),
    LastName VARCHAR(50),
    Relationship VARCHAR(50),
    Email VARCHAR(100),
    CONSTRAINT FK_Guardian_Student FOREIGN KEY (RollNo) REFERENCES Student (roll_no)
);

CREATE TABLE Finance (
    RollNo INT,
    TotalFee DECIMAL(10, 2),
    RemainingFee DECIMAL(10, 2),
    CONSTRAINT FK_Finance_Student FOREIGN KEY (RollNo) REFERENCES Student (roll_no)
);

CREATE TABLE Transcript (
    RollNo INT,
    GradeLetter VARCHAR(2),
    GPA DECIMAL(3, 2),
    CONSTRAINT FK_Transcript_Student FOREIGN KEY (RollNo) REFERENCES Student (roll_no)
);

CREATE TABLE Courses (
    CourseID INT PRIMARY KEY,
    Name VARCHAR(100),
    CreditHours INT,
    Type VARCHAR(20),
    HasLab BIT
);

CREATE TABLE Studies (
    RollNo INT,
    CourseID INT,
    Time TIME,
    Date DATE,
    Status VARCHAR(10),
    CONSTRAINT FK_Studies_Student FOREIGN KEY (RollNo) REFERENCES Student (roll_no),
    CONSTRAINT FK_Studies_Courses FOREIGN KEY (CourseID) REFERENCES Courses (CourseID)
);

CREATE TABLE Teacher (
    teacher_ID INT IDENTITY(1, 1) PRIMARY KEY,
    first_name VARCHAR(50),
    last_name VARCHAR(50),
    gender VARCHAR(10),
    cnic VARCHAR(15),
    email VARCHAR(100),
    city VARCHAR(50),
    country VARCHAR(50),
    dob DATE,
    martial_status VARCHAR(20),
    max_qualification VARCHAR(100)
);

CREATE TABLE Teaches (
    teacher_ID INT,
    CourseID INT,
    CONSTRAINT PK_Teaches PRIMARY KEY (teacher_ID, CourseID),
    CONSTRAINT FK_Teaches_Teacher FOREIGN KEY (teacher_ID) REFERENCES Teacher
(teacher_ID),
    CONSTRAINT FK_Teaches_Courses FOREIGN KEY (CourseID) REFERENCES Courses (CourseID)
);
```