Create database Colegio;

USE Colegio;

CREATE TABLE SCHOOL (

SchoolId INT PRIMARY KEY IDENTITY,

SchoolName VARCHAR(50) NOT NULL,

Description VARCHAR(1000),

Address VARCHAR(100),

Phone VARCHAR(50),

PostCode VARCHAR(50),

PostAddress VARCHAR(50)

);

CREATE TABLE CLASS (

ClassId INT PRIMARY KEY IDENTITY,

SchoolId INT FOREIGN KEY REFERENCES SCHOOL(SchoolId),

ClassName VARCHAR(50) NOT NULL,

Description VARCHAR(1000)

);

CREATE TABLE COURSE (

CourseId INT PRIMARY KEY IDENTITY,

CourseName VARCHAR(50) NOT NULL,

SchoolId INT FOREIGN KEY REFERENCES SCHOOL(SchoolId),

Description VARCHAR(1000)

);

CREATE TABLE STUDENT (

StudentId INT PRIMARY KEY IDENTITY,

ClassId INT FOREIGN KEY REFERENCES CLASS(ClassId),

StudentName VARCHAR(100) NOT NULL,

StudentNumber VARCHAR(20),

TotalGrade FLOAT,

Address VARCHAR(100),

Phone VARCHAR(20),

Email VARCHAR(100)

);

CREATE TABLE TEACHER (

TeacherId INT PRIMARY KEY IDENTITY,

SchoolId INT FOREIGN KEY REFERENCES SCHOOL(SchoolId),

TeacherName VARCHAR(50) NOT NULL,

Description VARCHAR(1000)

);

CREATE TABLE STUDENT\_COURSE (

StudentId INT FOREIGN KEY REFERENCES STUDENT(StudentId),

CourseId INT FOREIGN KEY REFERENCES COURSE(CourseId),

PRIMARY KEY (StudentId, CourseId)

);

CREATE TABLE TEACHER\_COURSE (

TeacherId INT FOREIGN KEY REFERENCES TEACHER(TeacherId),

CourseId INT FOREIGN KEY REFERENCES COURSE(CourseId),

PRIMARY KEY (TeacherId, CourseId)

);

CREATE TABLE GRADE (

GradeId INT PRIMARY KEY IDENTITY,

StudentId INT FOREIGN KEY REFERENCES STUDENT(StudentId),

CourseId INT FOREIGN KEY REFERENCES COURSE(CourseId),

Grade FLOAT,

Comment VARCHAR(1000)

);

A computer screen shot of a computer

Description automatically generated  
  
A computer screen shot of a diagram

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