create database sam;

use sam;

CREATE TABLE Users (

UserID INT PRIMARY KEY,

FirstName VARCHAR(255),

LastName VARCHAR(255),

Email VARCHAR(255),

Password VARCHAR(255),

DateOfBirth DATE

);

CREATE TABLE Profiles (

ProfileID INT PRIMARY KEY,

UserID INT,

Username VARCHAR(255),

Bio TEXT,

ProfileImage VARCHAR(255),

FOREIGN KEY (UserID) REFERENCES Users(UserID)

);

CREATE TABLE Posts (

PostID INT PRIMARY KEY,

UserID INT,

Content TEXT,

Timestamp TIMESTAMP,

FOREIGN KEY (UserID) REFERENCES Users(UserID)

);

CREATE TABLE Likes (

LikeID INT PRIMARY KEY,

PostID INT,

UserID INT,

FOREIGN KEY (PostID) REFERENCES Posts(PostID),

FOREIGN KEY (UserID) REFERENCES Users(UserID)

);

CREATE TABLE Comments (

CommentID INT PRIMARY KEY,

PostID INT,

UserID INT,

CommentText TEXT,

Timestamp TIMESTAMP,

FOREIGN KEY (PostID) REFERENCES Posts(PostID),

FOREIGN KEY (UserID) REFERENCES Users(UserID)

);

CREATE TABLE Instructors (

InstructorID INT PRIMARY KEY,

FirstName VARCHAR(255),

LastName VARCHAR(255),

Email VARCHAR(255),

Expertise VARCHAR(255)

);

CREATE TABLE Courses (

CourseID INT PRIMARY KEY,

InstructorID INT,

Title VARCHAR(255),

Description TEXT,

Price DECIMAL(10, 2),

EnrollmentCount INT,

FOREIGN KEY (InstructorID) REFERENCES Instructors(InstructorID)

);

CREATE TABLE Students (

StudentID INT PRIMARY KEY,

FirstName VARCHAR(255),

LastName VARCHAR(255),

Email VARCHAR(255),

DateOfBirth DATE

);

CREATE TABLE Enrollments (

EnrollmentID INT PRIMARY KEY,

CourseID INT,

StudentID INT,

EnrollmentDate DATE,

FOREIGN KEY (CourseID) REFERENCES Courses(CourseID),

FOREIGN KEY (StudentID) REFERENCES Students(StudentID)

);

CREATE TABLE Reviews (

ReviewID INT PRIMARY KEY,

CourseID INT,

StudentID INT,

Rating INT,

ReviewText TEXT,

ReviewDate DATE,

FOREIGN KEY (CourseID) REFERENCES Courses(CourseID),

FOREIGN KEY (StudentID) REFERENCES Students(StudentID)

);