Create database Smart\_Tution\_Finder;

CREATE TABLE student (

stdID INT NOT NULL AUTO\_INCREMENT,

fname VARCHAR(150) NOT NULL,

lname VARCHAR(150),

Email\_ID VARCHAR(250),

username VARCHAR(20) NOT NULL,

password VARCHAR(20),

Gender VARCHAR(10),

Registration\_Date DATE NOT NULL,

PRIMARY KEY (stdID),

UNIQUE (username)

);

CREATE TABLE teacher (

teacherID INT NOT NULL AUTO\_INCREMENT,

fname VARCHAR(150) NOT NULL,

lname VARCHAR(150),

Email\_ID VARCHAR(250),

username VARCHAR(20) NOT NULL,

password VARCHAR(20),

Gender VARCHAR(10),

Registration\_Date DATE NOT NULL,

Last\_Login DATETIME,

PRIMARY KEY (teacherID),

UNIQUE (username)

);

CREATE TABLE courses ( courseDomainId INT AUTO\_INCREMENT PRIMARY KEY, courseDomainName VARCHAR(255) );

CREATE TABLE location (

locationId INT PRIMARY KEY,

locationName VARCHAR(255)

);

CREATE TABLE sub\_courses (

courseId INT AUTO\_INCREMENT PRIMARY KEY,

courseDomainId INT,

courseName VARCHAR(255),

locationId INT,

ratings FLOAT,

teacherID INT,

FOREIGN KEY (courseDomainId) REFERENCES courses(courseDomainId),

FOREIGN KEY (locationId) REFERENCES location(locationId),

FOREIGN KEY (teacherID) REFERENCES teacher(teacherID)

);

CREATE TABLE Enrollments (

Enrollment\_ID INT NOT NULL AUTO\_INCREMENT,

Enrollment\_Date DATE NOT NULL,

course\_ID INT NOT NULL,

stdID INT NOT NULL,

PRIMARY KEY (Enrollment\_ID),

FOREIGN KEY (course\_ID) REFERENCES sub\_courses(courseId),

FOREIGN KEY (stdID) REFERENCES student(stdID)

);