CREATE TABLE User (

UserID INT PRIMARY KEY AUTO\_INCREMENT,

UserName VARCHAR(50) NOT NULL,

Email VARCHAR(50) NOT NULL,

Password VARCHAR(50) NOT NULL,

Role VARCHAR(10) NOT NULL

);

CREATE TABLE Course (

CourseID INT PRIMARY KEY AUTO\_INCREMENT,

CourseName VARCHAR(50) NOT NULL,

Description TEXT NOT NULL,

InstructorID INT NOT NULL,

Start\_Date DATETIME NOT NULL,

End\_Date DATETIME NOT NULL,

FOREIGN KEY (InstructorID) REFERENCES User(UserID)

);

CREATE TABLE Evaluation\_Questions (

EvalQID INT PRIMARY KEY AUTO\_INCREMENT,

Content TEXT NOT NULL,

AdminID INT NOT NULL,

FOREIGN KEY (AdminID) REFERENCES User(UserID)

);

CREATE TABLE Message (

MessageID INT PRIMARY KEY AUTO\_INCREMENT,

SenderID INT NOT NULL,

ReceiverID INT NOT NULL,

Content TEXT NOT NULL,

Timestamp DATETIME NOT NULL,

FOREIGN KEY (SenderID) REFERENCES User(UserID),

FOREIGN KEY (ReceiverID) REFERENCES User(UserID)

);

CREATE TABLE Assignment (

AssignmentID INT PRIMARY KEY AUTO\_INCREMENT,

CourseID INT NOT NULL,

Title VARCHAR(100) NOT NULL,

Description TEXT NOT NULL,

FOREIGN KEY (CourseID) REFERENCES Course(CourseID)

);

CREATE TABLE Certificate (

CertificateID INT PRIMARY KEY AUTO\_INCREMENT,

StudentID INT NOT NULL,

CourseID INT NOT NULL,

Submit\_Date DATE NOT NULL,

FOREIGN KEY (StudentID) REFERENCES User(UserID),

FOREIGN KEY (CourseID) REFERENCES Course(CourseID)

);

CREATE TABLE Feedback (

FeedbackID INT PRIMARY KEY AUTO\_INCREMENT,

InstructorID INT NOT NULL,

StudentID INT NOT NULL,

EvalQID INT NOT NULL,

Content TEXT NOT NULL,

FOREIGN KEY (InstructorID) REFERENCES User(UserID),

FOREIGN KEY (StudentID) REFERENCES User(UserID),

FOREIGN KEY (EvalQID) REFERENCES Evaluation\_Questions(EvalQID)

);

CREATE TABLE Rating (

RatingID INT PRIMARY KEY AUTO\_INCREMENT,

EvalGrage INT NOT NULL,

FeedbackID INT NOT NULL,

InstructorID INT NOT NULL,

FOREIGN KEY (FeedbackID) REFERENCES Feedback(FeedbackID),

FOREIGN KEY (InstructorID) REFERENCES User(UserID)

);

CREATE TABLE Grage (

GradeID INT PRIMARY KEY AUTO\_INCREMENT,

StudentID INT NOT NULL,

CourseID INT NOT NULL,

Grade INT NOT NULL,

FOREIGN KEY (StudentID) REFERENCES User(UserID),

FOREIGN KEY (CourseID) REFERENCES Course(CourseID)

);