IF EXISTS(Select 1 From Sysobjects Where Name='Article')

DROP table Article

IF EXISTS(Select 1 From Sysobjects Where Name='Classification')

DROP table Classification

IF EXISTS(Select 1 From Sysobjects Where Name='Comment')

DROP table Comment

IF EXISTS(Select 1 From Sysobjects Where Name='Reply')

DROP table Reply

USE Intern\_test;

GO

CREATE TABLE Article

(

ID INT PRIMARY KEY IDENTITY(1,1),

UserId INT NOT NULL,

ArticleName NVARCHAR(20) NOT NULL,

Content NVARCHAR(MAX),

Indate DATETIME DEFAULT GETDATE(),

InUser NVARCHAR(20) NOT NULL,

BrowseNumber INT DEFAULT 0,

ClassificationID INT NOT NULL,

Status BIT DEFAULT 0

)

CREATE TABLE Reply

(

ID INT PRIMARY KEY IDENTITY(1,1),

CommentName NVARCHAR(20) DEFAULT 'anonymous',

Content NVARCHAR(MAX) NOT NULL,

CreateTime DATETIME DEFAULT GETDATE(),

ReplyName NVARCHAR(20),

UserId INT NOT NULL,

CommentId INT NOT NULL

)

CREATE TABLE Classification

(

ID INT PRIMARY KEY IDENTITY(1,1),

UserId INT NOT NULL,

ClassificationName NVARCHAR(20)

)

CREATE TABLE Comment

(

ID INT PRIMARY KEY IDENTITY(1,1),

CommentName NVARCHAR(20) DEFAULT 'anonymous',

Content NVARCHAR(MAX) NOT NULL,

CreateTime DATETIME DEFAULT GETDATE(),

FirstComment BIT DEFAULT 0,

ArticleID INT

)

CREATE TABLE Users

(

ID INT PRIMARY KEY IDENTITY(1,1),

UserName VARCHAR(100) NOT NULL,

Password VARCHAR(100) NOT NULL,

SelfIntroduction NVARCHAR(100),

Name NVARCHAR(100),

Email NVARCHAR(100),

Company NVARCHAR(100),

Location NVARCHAR(100)

)

CREATE TABLE Advertisement

(

ID INT PRIMARY KEY IDENTITY(1,1),

UserId INT NOT NULL,

Advertiser NVARCHAR(100) NOT NULL,

Title NVARCHAR(100) NOT NULL,

Content NVARCHAR(MAX) NOT NULL,

CreateTime DATETIME DEFAULT GETDATE()

)

ALTER TABLE Article

ADD CONSTRAINT FK\_Classification\_ID

FOREIGN KEY(ClassificationID)

REFERENCES Classification(ID)

ALTER TABLE Comment

ADD CONSTRAINT FK\_Article\_ID

FOREIGN KEY(ArticleID)

REFERENCES Article(ID)

ALTER TABLE Article

ADD CONSTRAINT FK\_User\_ID

FOREIGN KEY(UserID)

REFERENCES Users(ID)

ALTER TABLE Classification

ADD CONSTRAINT FK\_User\_ID

FOREIGN KEY(UserID)

REFERENCES Users(ID)

ALTER TABLE Advertisement

ADD CONSTRAINT FK\_User\_ID

FOREIGN KEY(UserID)

REFERENCES Users(ID)