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 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',

MailBox NVARCHAR(20),

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 VARCHAR(100),

Name VARCHAR(100),

Email VARCHAR(100),

Company VARCHAR(100),

Location VARCHAR(100)

)

CREATE TABLE Advertisement

(

ID INT PRIMARY KEY IDENTITY(1,1),

UserId INT NOT NULL,

Advertiser VARCHAR(100) NOT NULL,

Title VARCHAR(100) NOT NULL,

Content VARCHAR(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)