CREATE DATABASE Userinfo;

USE UserInfo;

CREATE TABLE Users(

Username VARCHAR(50) NOT NULL,

Pass VARCHAR(100) NOT NULL,

Email VARCHAR(100) NOT NULL,

Phone\_Number INTEGER NOT NULL,

Gender VARCHAR(10) NOT NULL,

Date\_added DATETIME NOT NULL,

Is\_Admin BOOLEAN NOT NULL,

Can\_Post BOOLEAN NOT NULL,

Is\_Banned BOOLEAN NOT NULL,

First\_Name VARCHAR(50) NOT NULL,

Last\_Name VARCHAR(50) NOT NULL,

Birthday DATE NOT NULL,

Address VARCHAR(100) NOT NULL,

User\_Description VARCHAR(1000),

PRIMARY KEY(Username),

CONSTRAINT User\_Name UNIQUE(Username));

CREATE TABLE Public\_Posts(

ID INTEGER NOT NULL,

Username VARCHAR(50) NOT NULL,

Message VARCHAR(1000) NOT NULL,

Date\_Posted DATETIME NOT NULL,

Is\_Deleted BOOLEAN NOT NULL,

Date\_Edited DATETIME,

Edited\_Message VARCHAR(1000),

PRIMARY KEY(ID),

CONSTRAINT Post\_Identifier UNIQUE(ID),

FOREIGN KEY (Username) REFERENCES Users(Username));

CREATE TABLE Client\_Logs(

ID INTEGER NOT NULL,

Username VARCHAR(50) NOT NULL,

Date\_Logged\_On DATETIME NOT NULL,

Date\_Logged\_Out DATETIME,

Logged\_OUT\_Or\_Dropped\_Off VARCHAR(20),

PRIMARY KEY(ID),

CONSTRAINT Login UNIQUE(ID),

FOREIGN KEY (Username) REFERENCES Users(Username));

CREATE TABLE Private\_Messages(

ID INTEGER NOT NULL,

Username VARCHAR(50) NOT NULL,

Receiver INTEGER NOT NULL,

Message VARCHAR(1000) NOT NULL,

Message\_Date DATETIME NOT NULL,

Is\_Deleted BOOLEAN NOT NULL,

Date\_Edited DATETIME,

Edited\_Message VARCHAR(1000),

PRIMARY KEY (ID),

CONSTRAINT Private\_msg UNIQUE(ID),

FOREIGN KEY (Username) REFERENCES Users(Username));