CREATE TABLE Login(userName VARCHAR(10) PRIMARY KEY,

password VARCHAR(16) NOT NULL);

CREATE TABLE User(userID INT PRIMARY KEY,

firstName VARCHAR(20) NOT NULL,

lastName VARCHAR(20) NOT NULL,

type VARCHAR(20),

userName VARCHAR(10),

FOREIGN KEY (userName) REFERENCES Login (userName));

CREATE TABLE FoodLog(logID INT PRIMARY KEY,

date DATETIME NOT NULL,

title VARCHAR(20) NOT NULL,

userID INT,

FOREIGN KEY (userID) REFERENCES User (userID));

CREATE TABLE FoodItems(foodName VARCHAR(20) PRIMARY KEY,

calories INT NOT NULL,

logID INT,

FOREIGN KEY (logID) REFERENCES FoodLog (logID));

CREATE TABLE PointsEarned(value INT NOT NULL,

userID INT,

FOREIGN KEY (userID) REFERENCES User (userID));

CREATE TABLE Comments(text VARCHAR(100),

logID INT,

FOREIGN KEY (logID) REFERENCES FoodLog (logID));