CREATE TABLE Amenities(subsciptionType VARCHAR(30), equipID INTEGER, isAvailable VARCHAR(4), equipName VARCHAR(30), hasEqupment CHAR(10), CONSTRAINT Amenities.pk PRIMARY KEY(subscriptionType, equipID, hasEquipment));

CREATE TABLE Customer(subscriptionPlan VARCHAR(30) , username VARCHAR(30), password VARCHAR(30), membershipID INTEGER, customerName VARCHAR(30), birthDate DATE, membershipStart DATE, memberAt CHAR(10), CONSTRAINT Customer\_pk PRIMARY KEY(subscriptionPlan, username, password, membershipID, memberAt));

CREATE TABLE Employee(employeeID INTEGER, , isTrainer VARCHAR(4), isManager VARCHAR(4), employeeName VARCHAR(30), startDate DATE, worksAt CHAR(10), CONSTRAINT Employee\_pk PRIMARY KEY(employeeID, worksAt);

CREATE TABLE Location(PRIMARY KEY locationID CHAR(10), address TEXT);

CREATE TABLE hasTrainer(subscriptionPlan VARCHAR(30) REFERENCES Customer, username VARCHAR(30) REFERENCES Customer, password VARCHAR(30) REFERENCES Customer, membershipID INTEGER REFERENCES Customer, employeeID INTEGER REFERENCES Employee, CONSTRAINT hasTrainer\_pk PRIMARY KEY(subscriptionPlan, username, password, membershipID, employeeID));

CREATE TABLE hasAccess(subscriptionPlan VARCHAR(30) REFERENCES Customer, username VARCHAR(30) REFERENCES Customer, password VARCHAR(30) REFERENCES Customer, membershipID INTEGER REFERENCES Customer, equipID INTEGER REFERENCES Amenities, subscriptionType VARCHAR(30) REFERENCES Amenities, CONSTRAINT hasAccess\_pk PRIMARY KEY(subscriptionType, equipID, subscriptionPlan, username, password, membershipID);