

```
CREATE TABLE Person
```

```
(  
    SSN CHAR(11),  
    Password CHAR(20),  
    FirstName VARCHAR(50),  
    LastName VARCHAR(50),  
    Street VARCHAR(50),  
    City VARCHAR(50),  
    State VARCHAR(50),  
    Zipcode INT,  
    Email VARCHAR(100),  
    Telephone VARCHAR(15),  
    PRIMARY KEY (SSN)
```

```
);
```

```
CREATE TABLE Employee
```

```
(  
    SSN CHAR(11),  
    Role VARCHAR(50),  
    StartDate DATE,  
    HourlyRate INT,  
    PRIMARY KEY (SSN),  
    FOREIGN KEY (SSN) REFERENCES Person(SSN) ON DELETE CASCADE
```

```
);
```

```
CREATE TABLE User
```

```
(  
    SSN CHAR(11),  
    PPP VARCHAR(50),  
    Rating INT,  
    DateOfLastAct DATETIME,  
    PRIMARY KEY (SSN),  
    FOREIGN KEY (SSN) REFERENCES Person(SSN) ON DELETE CASCADE
```

```
);
```

```
CREATE TABLE Profile
```

```
(  
    ProfileID CHAR(20),  
    OwnerSSN CHAR(11),  
    DatingAgeRangeStart INT,  
    DatingAgeRangeEnd INT,  
    DatinGeoRange INT,  
    M_F VARCHAR(10),  
    Hobbies VARCHAR(1000),  
    Height INT,  
    Weight INT,  
    HairColor VARCHAR(20),  
    CreationDate DATETIME NOT NULL,  
    LastModDate DATETIME NOT NULL,  
    PRIMARY KEY (ProfileID),  
    FOREIGN KEY (OwnerSSN) REFERENCES User(SSN) ON DELETE CASCADE
```

```
);
```

```
CREATE TABLE Date
```

```
(  
    Profile1 CHAR(20),  
    Profile2 CHAR(20),  
    CustRep CHAR(11),  
    Date_Time DATETIME,  
    Location VARCHAR(100),  
    BookingFee INT,  
    Comments TEXT,  
    User1Rating INT,  
    User2Rating INT,  
    PRIMARY KEY (Profile1, Profile2, Date_Time),  
    FOREIGN KEY (Profile1) REFERENCES Profile(ProfileID) ON DELETE CASCADE,  
    FOREIGN KEY (Profile2) REFERENCES Profile(ProfileID) ON DELETE CASCADE,  
    FOREIGN KEY (CustRep) REFERENCES Employee(SSN) ON DELETE SET NULL
```

```
);
```

Create TABLE Likes

```
(  
    Liker CHAR(20),  
    Likee CHAR(20),  
    Date_Time DATETIME,  
    PRIMARY KEY (Liker, Likee, Date_Time),  
    FOREIGN KEY (Liker) REFERENCES Profile(ProfileID) ON DELETE CASCADE,  
    FOREIGN KEY (Likee) REFERENCES Profile(ProfileID) ON DELETE CASCADE  
);
```

CREATE TABLE BlindDate

```
(  
    ProfileA CHAR(20),  
    ProfileB CHAR(20),  
    ProfileC CHAR (20),  
    Date_Time DATETIME,  
    PRIMARY KEY (ProfileA, ProfileB, ProfileC, Date_Time),  
    FOREIGN KEY (ProfileA) REFERENCES Profile(ProfileID) ON DELETE CASCADE,  
    FOREIGN KEY (ProfileB) REFERENCES Profile(ProfileID) ON DELETE CASCADE,  
    FOREIGN KEY (ProfileC) REFERENCES Profile(ProfileID) ON DELETE CASCADE  
);
```

CREATE TABLE SuggestedBy

```
(  
    CustRep CHAR(11),  
    Profile1 CHAR(20),  
    Profile2 CHAR(20),  
    Date_Time DATETIME,  
    PRIMARY KEY (CustRep, Profile1, Profile2, Date_Time),  
    FOREIGN KEY (Profile1) REFERENCES Profile(ProfileID) ON DELETE CASCADE,  
    FOREIGN KEY (Profile2) REFERENCES Profile(ProfileID) ON DELETE CASCADE,  
    FOREIGN KEY (CustRep) REFERENCES Employee(SSN) ON DELETE CASCADE  
);
```

```
CREATE TABLE Account
(
    OwnerSSN CHAR(11),
    CardNumber INT(16),
    AcctNum CHAR(30),
    PRIMARY KEY(OwnerSSN, CardNumber, AcctNum),
    FOREIGN KEY (OwnerSSN) REFERENCES USER(SSN) ON DELETE CASCADE
);
```