# University of British Columbia, Vancouver

**Department of Computer Science** 

# **CPSC 304 Project Cover Page**

Milestone #: 2

Date: October 6th, 2023

Group Number: 18

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
Michele Mai	26575373	x8c3b	michele8231@gmail.com
Sean Dhanda	38290656	c9j3b	sdhanda4862@gmail.com
Ted Lee	25438789	L7E3B	johnj.lee2016@gmail.com

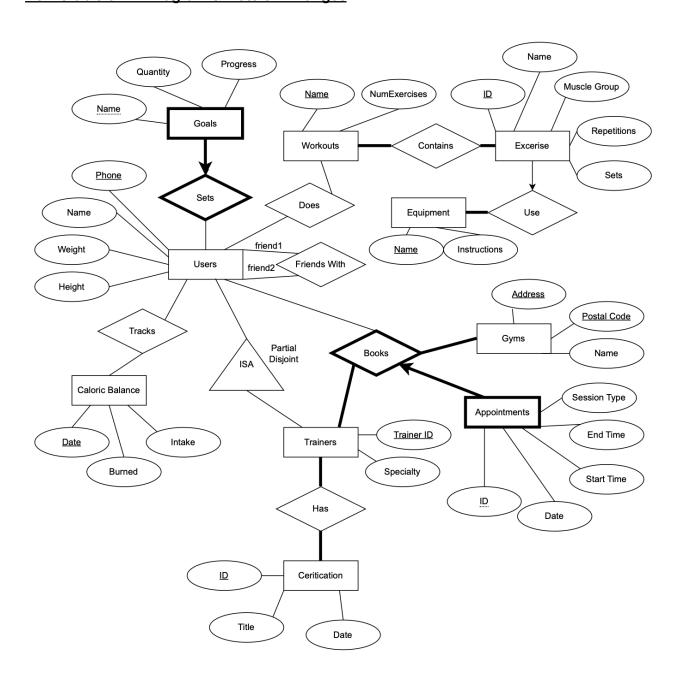
By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

# **Deliverable 2: Project Summary**

Our project centers around developing a health and fitness/progress tracking application. In this domain, we are creating a comprehensive fitness app that empowers users to design workouts, monitor goal achievements, and schedule sessions with gym trainers. The database encompasses user profiles, workout plans, exercise details, progress tracking, trainer appointments, and facilitates social interaction, enabling users to share their fitness statistics and achievements with friends.

# **Deliverable 3: ER Diagram & Note on Changes**



## Notes on Changes:

- Removed Weight attribute from Exercise, to allow users to have freedom over the weight they use for a given exercise, without having to find a specific exercise ID with the exact weight they want.
- Removed Type attribute from Goal, as having both name and type were redundant for our desired functionality.
- Unary relationship labels with Users table renamed from "Friend and Friend" to "Friend1 and friend2" to mitigate confusion in naming convention.
- Created a 7th entity named "Caloric Balance" that consists of three attributes: "Intake, Burned, and Date." Intake is the caloric intake on that day, and Burned is the calories burned on that day. Date is the primary key.
- Caloric Balance and User have the 7th relationship "Tracks".

# Deliverables 4 - 8: Schema, FDs, Normalization, SQL DDL, Inserts

Primary Keys are is underlined, Foreign Keys are bolded

# Table 1: Users

Users(Phone: char(10), Name: varchar, Weight: integer, Height: integer)

#### FDs:

- Phone → Name
- Phone → Weight
- Phone → Height

```
CREATE TABLE Users
     (Phone CHAR(10) PRIMARY KEY,
     Name VARCHAR,
     Weight INTEGER,
     Height INTEGER);
INSERT
         Users (Phone, Name, Weight, Height)
INTO
VALUES ('7785734567', 'Alice Doe', '134', 178')
INSERT
INTO
         Users (Phone, Name, Weight, Height)
VALUES ('7783334987', 'Bob Woo', '156', 198')
INSERT
INTO
         Users (Phone, Name, Weight, Height)
VALUES
          ('7786879098', 'Sally Marsh', '115', 149')
```

```
INSERT
INTO Users (Phone, Name, Weight, Height)
VALUES ('7784758890', 'Gordon Ramsey', '178', 185')
INSERT
INTO Users (Phone, Name, Weight, Height)
VALUES ('7781234098', 'Lizzie Smith', '124', 169')
```

## **Table 2: FriendsWith**

FriendsWith(<u>friend1\_Phone</u>: char(10), <u>friend2\_Phone</u>: char(10))

## FDs:

 friend1\_Phone, friend2\_Phone → friend1\_Name, friend1\_Weight, friend1\_Height, friend2\_Name, friend2\_Weight, friend2\_Height

```
CREATE TABLE FriendsWith
     (friend1 Phone CHAR(10),
     friend2 Phone CHAR(10),
     PRIMARY KEY (friend1 Phone, friend2 Phone),
     FOREIGN KEY(friend1 Phone)
          REFERENCES Users (Phone)
          ON DELETE CASCADE
     FOREIGN KEY(friend2 Phone)
          REFERENCES Users (Phone)
          ON DELETE CASCADE);
INSERT
INTO
         FriendsWith (friend1 Phone, friend2 Phone)
         ('7781234098', '7784758890')
VALUES
INSERT
         FriendsWith (friend1 Phone, friend2 Phone)
INTO
VALUES
          ('7785734567', '7784758890')
INSERT
         FriendsWith (friend1 Phone, friend2 Phone)
INTO
VALUES ('7785734567', '7783334987')
INSERT
INTO
         FriendsWith (friend1 Phone, friend2 Phone)
VALUES ('7785734567', '7783334987')
INSERT
          FriendsWith (friend1 Phone, friend2 Phone)
INTO
```

## **Table 3: Sets Goals**

Sets\_Goals(<u>Phone</u>: char(10), <u>Goal\_Name</u>: varchar, Goal\_Quantity: varchar, Goal\_Progress: varchar)

## FDs:

- Goal Name → Goal Quantity
- Goal Name → Goal Progress

```
CREATE TABLE Sets Goals
     (Phone CHAR(10),
     Goal Name VARCHAR,
     Goal Quantity VARCHAR,
     Goal Progress VARCHAR,
     PRIMARY KEY (Phone, Goal Name),
     FOREIGN KEY(Phone) REFERENCES
          Users (Phone),
          ON DELETE CASCADE);
INSERT
         Sets Goals (Phone, Goal Name, Goal Quantity,
Goal Progress)
VALUES ('7785734567', 'Go jogging', '10km', '0km')
INSERT
INTO
         Sets Goals (Phone, Goal Name, Goal Quantity,
Goal Progress)
VALUES ('7781112222', 'Go to the gym', '10 times', '2
times')
INSERT
         Sets Goals (Phone, Goal Name, Goal Quantity,
Goal Progress)
VALUES ('7781113333', 'Bench Press 1201bs', '1201bs',
'1101bs')
INSERT
          Sets Goals (Phone, Goal Name, Goal Quantity,
INTO
Goal Progress)
        ('7781113333', 'Do 1001bs Barbell Squats', '20
times', '5 times')
INSERT
```

```
INTO     Sets_Goals (Phone, Goal_Name, Goal_Quantity,
Goal_Progress)
VALUES ('7781113333', 'Go hiking', '5 times', '1 time')
```

# **Table 4: CaloricBalance**

CaloricBalance(<u>Date</u>: char(10), Intake: integer, Burned: integer)

#### FDs:

- Date → Intake
- Date → Burned

# Decomposition to BCNF: (Already in BCNF)

```
CREATE TABLE CaloricBalance
     (Date CHAR(10) PRIMARY KEY,
     Intake INTEGER,
     Burned INTEGER);
INSERT
INTO
         CaloricBalance (Date, Intake, Burned)
         ('01 01 2023', '2500', '1700')
VALUES
INSERT
INTO
         CaloricBalance (Date, Intake, Burned)
VALUES
         ('02 01 2023', NULL, NULL)
INSERT
         CaloricBalance (Date, Intake, Burned)
INTO
        ('03 01 2023', '2250', '2400')
VALUES
INSERT
         CaloricBalance (Date, Intake, Burned)
INTO
VALUES
        ('14 01 2023', '1700', '1300')
INSERT
```

# Table 5: Tracks

Tracks(Phone: char(10), CaloricBalance Date: char(10))

VALUES ('15 01 2023', '2500', '1700')

# FDs:

INTO

• Phone, CaloricBalance\_Date → Name, Weight, Height, Intake, Burned

CaloricBalance (Date, Intake, Burned)

Decomposition to BCNF: (Already in BCNF)

CREATE TABLE Tracks

```
(Phone CHAR (10),
     CaloricBalance Date CHAR(10),
     PRIMARY KEY (Phone, CaloricBalance Date),
     FOREIGN KEY(Phone)
           REFERENCES Users (Phone)
           ON DELETE CASCADE,
     FOREIGN KEY(CaloricBalance Date)
           REFERENCES CaloricBalance(Date)
           ON DELETE CASCADE);
INSERT
      Tracks (Phone, CaloricBalance_Date) ('7781234567', '01 01 2023')
INTO
VALUES
INSERT
INTO
         Tracks (Phone, CaloricBalance Date)
         ('7781234567', '02 01 2023')
VALUES
INSERT
INTO
       Tracks (Phone, CaloricBalance_Date)
VALUES
          ('7781112222', '13 07 2020')
INSERT
INTO
         Tracks (Phone, CaloricBalance Date)
          ('7780003333', '14 07 2030')
VALUES
INSERT
INTO
         Tracks (Phone, CaloricBalance Date)
          ('7781114444', '03 02 2024')
VALUES
```

## **Table 6: Trainers**

Trainers(Phone: char(10), TrainerID: integer, Speciality: varchar)

## FDs:

TrainerID → Specialty

```
CREATE TABLE Trainers
(Phone CHAR(10),
TrainerID INTEGER,
Specialty VARCHAR,
PRIMARY KEY(Phone, TrainerID),
FOREIGN KEY(Phone)
REFERENCES Users(Phone)
ON DELETE CASCADE);
```

```
INSERT
          Trainers (Phone, TrainerID, Specialty)
INTO
          ('7782314567', '23458970', 'Strength and
VALUES
Conditioning')
INSERT
          Trainers (Phone, TrainerID, Specialty)
INTO
          ('7786188911', '23458971', 'HITT')
VALUES
INSERT
          Trainers (Phone, TrainerID, Specialty)
INTO
          ('7786188919', '23458973', 'Bodybuilding')
VALUES
INSERT
INTO
          Trainers (Phone, TrainerID, Specialty)
          ('7786188912', '23458972', 'Weight Loss')
VALUES
INSERT
INTO
          Trainers (Phone, TrainerID, Specialty)
VALUES
         ('7786188914', '23458978', 'Functional Training')
Table 7: Certification
```

Certification(<u>ID</u>: integer, Title: varchar, Date: char(10))

### FDs:

- $\bullet \quad \mathsf{ID} \to \mathsf{Title}$
- $ID \rightarrow Date$

```
CREATE TABLE Certification
(ID INTEGER PRIMARY KEY,
Title VARCHAR,
Date CHAR(10));
```

```
INSERT
INTO Certification (ID, Title, Date)
VALUES ('9012', 'BCRPA Personal Trainer', '12 08 2014')

INSERT
INTO Certification (ID, Title, Date)
VALUES ('9013', 'ISSA Certification', '15 08 2022')

INSERT
INTO Certification (ID, Title, Date)
VALUES ('9014', 'ISSA Certification', '15 08 2022')
```

# Table 8: Has

Has(TrainerID: integer, Certification\_ID: integer)

# FDs:

TrainerID, Ceritification\_ID → Specialty, Title, Date

Decomposition to BCNF: (Already in BCNF)

```
CREATE TABLE Has
     (TrainerID INTEGER,
     Certification ID INTEGER,
     PRIMARY KEY (TrainerID, Certification ID),
     FOREIGN KEY(TrainerID)
          REFERENCES Trainers (TrainerID),
          ON DELETE CASCADE
     FOREIGN KEY (Certification ID)
          REFERENCES Certification(ID)
          ON DELETE CASCADE);
INSERT
INTO
        Has (TrainerID, Certification ID)
VALUES
        ('23458970', '0918')
INSERT
INTO
        Has (TrainerID, Certification ID)
VALUES ('23458971', '0918')
INSERT
INTO
         Has (TrainerID, Certification ID)
VALUES
         INSERT
         Has (TrainerID, Certification ID)
INTO
        ('23458972', '0918')
VALUES
```

INSERT

```
INTO Has (TrainerID, Certification_ID)
VALUES ('23458978', '0913')
```

## **Table 9: Workouts**

Workouts(Name: varchar, NumExercises: integer)

FDs:

Name → NumExercises

Decomposition to BCNF: (Already in BCNF)

```
CREATE TABLE Workouts

(Name VARCHAR PRIMARY KEY,
NumExercises INTEGER);
```

```
INSERT
INTO
          Workouts (Name, NumExercises)
VALUES ('HIT: Legs and Core', '3')
INSERT
INTO
          Workouts (Name, NumExercises)
VALUES ('Intense Abs', '3')
INSERT
INTO Workouts (Name, NumExercise VALUES ('Biceps and Triceps', '3')
          Workouts (Name, NumExercises)
INSERT
          Workouts (Name, NumExercises)
('Super Upper Body Strength', '3')
INTO
VALUES
INSERT
INTO Workouts (Name, NumExercises)
```

# Table 10: Does

VALUES

Does(Phone: char(10), Workouts Name: varchar)

FDs:

Phone, Workouts\_Name → Name, Weight, Height

('Endurance and Core Strength', '3')

```
CREATE TABLE Does
(Phone CHAR(10),
Workouts Name VARCHAR,
```

```
PRIMARY KEY(Phone, Workouts Name),
     FOREIGN KEY(Phone)
          REFERENCES Users (Phone)
          ON DELETE CASCADE
     FOREIGN KEY (Workouts Name)
          REFERENCES Workouts (Name)
          ON DELETE CASCADE);
INSERT
INTO
        Does (Phone, Workouts Name)
        ('7785734567', 'Super Upper Body Strength')
VALUES
INSERT
        Does (Phone, Workouts Name)
INTO
VALUES ('7783334987', 'Biceps and Triceps')
INSERT
         Does (Phone, Workouts Name)
INTO
VALUES ('7786879098', 'Intense Abs')
INSERT
INTO
        Does (Phone, Workouts Name)
VALUES ('7784758890', 'Super Upper Body Strength')
INSERT
INTO
         Does (Phone, Workouts Name)
VALUES ('7781234098', 'HIT: Legs and Core')
```

## **Table 11: Exercise**

Exercise(<u>ID</u>: integer, Exercise\_Name: varchar, MuscleGroup: varchar, Repetitions: integer, Sets: integer, **unique(**Exercise\_Name, MuscleGroup, Repetitions, Sets**)**) Candidate Keys:

• {Exercise\_Name, MuscleGroup, Repetitions, Sets}

#### FDs:

- $ID \rightarrow Name$
- ID → MuscleGroup
- ID → Repetitions
- ID → Sets
- Name → MuscleGroup
- Name, MuscleGroup, Repetitions, Sets → ID

# Decomposition to BCNF:

- Variables:
  - A ID
  - B Name

```
C - MuscleGroup
```

- D Repetitions
- E Sets
- R(ABCDE)
- Closures:
  - A+ = ABCDE
  - o B+ = BC
  - C+ = C
  - o D+ = D
  - o **E+=E**
  - BCDE+ = ABCDE
- B → C violates BCNF
  - Decompose to R1(B,C), R2(ABDE)
- Look at  $A \rightarrow B$ 
  - o A is a superkey for R2, so stop
- Final Answer: R1(BC), R2(ABDE)

## After Normalization =

R1(<u>Exercise\_Name</u>: varchar, MuscleGroup: varchar),

R2(ID: integer, Exercise\_Name: varchar, Repetitions: integer, Sets: integer)

Candidate Key for R2: {Exercise\_name, Repetitions, Sets)

#### Before Normalization:

```
CREATE TABLE Exercise

(ID INTEGER PRIMARY KEY,

Exercise_Name VARCHAR,

MuscleGroup VARCHAR,

Repetitions INTEGER,

Sets INTEGER,

UNIQUE (Exercise_Name, MuscleGroup, Repetitions, Sets));
```

#### After Normalization:

```
CREATE TABLE ExerciseR1
    (Exercise_Name VARCHAR PRIMARY KEY,
    MuscleGroup VARCHAR);

CREATE TABLE ExerciseR2
    (ID INTEGER PRIMARY KEY,
    Exercise_Name VARCHAR,
    Repetitions INTEGER,
    Sets INTEGER
    UNIQUE (Exercise Name, Repetitions, Sets));
```

```
Insert Statements Before the Normalization:
```

```
INSERT
INTO
          Exercise (ID, Exercise Name, MuscleGroup,
Repetitions, Sets)
          ('435', 'DumbBell Bench Press', 'Upper Body', '8',
VALUES
'5')
INSERT
INTO
          Exercise (ID, Exercise Name, MuscleGroup,
Repetitions, Sets)
        ('532', 'DumbBell Bent Over Row', 'Upper Body', '8',
VALUES
'5')
INSERT
          Exercise (ID, Exercise Name, MuscleGroup,
Repetitions, Sets)
VALUES
        ('135', 'Drop Squats', 'Lower Body', '10', '5')
INSERT
          Exercise (ID, Exercise Name, MuscleGroup,
INTO
Repetitions, Sets)
          ('357', 'Mountain Climbers', 'Lower Body', '20',
131)
INSERT
          Exercise (ID, Exercise Name, MuscleGroup,
INTO
Repetitions, Sets)
           ('96', 'Plank Walk', 'Core', '15', '2')
VALUES
Insert Statements After the Normalization:
INSERT
          ExerciseR1 (Exercise Name, MuscleGroup)
INTO
VALUES
          ('DumbBell Bench Press', 'Upper Body')
INSERT
INTO
          ExerciseR1 (Exercise Name, MuscleGroup)
          ('DumbBell Bent Over Row', 'Upper Body')
VALUES
INSERT
INTO
          ExerciseR1 (Exercise Name, MuscleGroup)
          ('Drop Squats', 'Lower Body')
VALUES
INSERT
          ExerciseR1 (Exercise Name, MuscleGroup)
INTO
          ('Mountain Climbers', 'Lower Body')
VALUES
INSERT
          ExerciseR1 (Exercise Name, MuscleGroup)
INTO
```

```
('Plank Walk', 'Core')
VALUES
INSERT
      ExerciseR2 (ID, Exercise_Name, Repetitions, Sets)
INTO
VALUES
         ('435', 'DumbBell Bench Press', '8', '5')
INSERT
INTO
        ExerciseR2 (ID, Exercise Name, Repetitions, Sets)
         ('532', 'DumbBell Bent Over Row', '8', '5')
VALUES
INSERT
         ExerciseR2 (ID, Exercise Name, Repetitions, Sets)
INTO
          ('135', 'Drop Squats', '10', '5')
VALUES
INSERT
         ExerciseR2 (ID, Exercise Name, Repetitions, Sets)
INTO
VALUES
         ('357', 'Mountain Climbers', '20', '3')
INSERT
         ExerciseR2 (ID, Exercise Name, Repetitions, Sets)
INTO
VALUES ('96', 'Plank Walk', '15', '2')
```

# **Table 12: Contains**

Contains(Workouts\_Name: varchar, Exercise\_ID: integer)

#### FDs:

 Workouts\_Name, Exercise\_ID → NumExercises, Exercise\_Name, MuscleGroup, Repetitions, Sets

```
CREATE TABLE Contains

(Workouts_NameVARCHAR,

Exercise_ID INTEGER,

PRIMARY KEY(Workouts_Name, Exercise_ID),

FOREIGN KEY(Workouts_Name)

REFERENCES Workouts(Name),

ON DELETE CASCADE

FOREIGN KEY(Exercise_ID)

REFERENCES Exercise(ID)

ON DELETE CASCADE);

INSERT

INTO Contains (Workouts_Name, Exercise_ID)

VALUES ('Intense Abs', '4357')
```

```
INSERT
INTO
          Contains (Workouts Name, Exercise ID)
VALUES
          ('HIT: Legs and Core', '4396')
INSERT
         Contains (Workouts Name, Exercise ID)
INTO
VALUES
         ('Super Upper Body Strength', '4356')
INSERT
INTO
          Contains (Workouts Name, Exercise ID)
          ('Biceps and Triceps', '4321')
VALUES
INSERT
INTO
          Contains (Workouts Name, Exercise ID)
          ('Endurance and Core Strength', '4356')
VALUES
```

## **Table 13: Equipment**

Equipment(Name: varchar, Instructions: char(200))

## FDs:

• Name → Instructions

Decomposition to BCNF: (Already in BCNF)

```
CREATE TABLE Equipment
(Name VARCHAR PRIMARY KEY,
Instructions CHAR(200))
```

```
INSERT
```

INTO Equipment (Name, Instructions)

VALUES ('Yoga Mat', '1. Unroll the yoga mat 2. Position the mat right side up 3. Place hands and feet on the mat')

### INSERT

INTO Equipment (Name, Instructions)

VALUES ('DumbBells', '1. Hold one dumbbell in each hand 2. Grip the dumbbell firmly)

### INSERT

INTO Equipment (Name, Instructions)

VALUES ('Leg Press Machine', '1. Sit on the machine and place your feet shoulder width apart on the platform 2. Extend your legs without locking them 3. Bring your legs back and repeat')

INSERT

```
INTO Equipment (Name, Instructions)

VALUES ('Lat Pulldown Machine', '1. Sit on the seat and grip the bar shoulder width apart 2. Pull the bar down to your chest slowly 3. Release the bar back up and repeat')

INSERT

INTO Equipment (Name, Instructions)

VALUES ('Pull-Up Bar', '1. Grip the bar with your arms positions slightly wider than shoulder width apart 2. Pull yourself up until your chin reaches the bar 3. Lower yourself down and repeat')
```

#### Table 14: Uses

CREATE TABLE Uses

Uses(<u>Exercise\_ID</u>: integer, <u>Equipment\_Name</u>: char(20) not null)

#### FDs:

 Exercise\_ID, Equipment\_Name → Exercise\_Name, MuscleGroup, Repetitions, Sets, Instructions

```
(Exercise ID INTEGER PRIMARY KEY,
     Equipment Name CHAR(20) NOT NULL,
     FOREIGN KEY(Exercise ID)
          REFERENCES Exercise(ID)
          ON DELETE CASCADE
     FOREIGN KEY (Equipment Name)
          REFERENCES Equipment(Name)
          ON DELETE CASCADE);
INSERT
INTO
       Uses (Exercise ID, Equipment Name)
         ('4396', 'Yoga Mat')
VALUES
INSERT
INTO
          Uses (Exercise ID, Equipment Name)
          ('4357', 'Yoga Mat')
VALUES
INSERT
INTO
         Uses (Exercise ID, Equipment Name)
          ('4356', 'DumbBells')
VALUES
INSERT
         Uses (Exercise ID, Equipment Name)
INTO
VALUES
          ('4321', 'DumbBell')
```

```
INSERT
```

INTO Uses (Exercise\_ID, Equipment\_Name)
VALUES ('4356', 'Yoga Mat')

## Table 15: Gyms

Gyms(Address: varchar, PostalCode: char(6), Name: varchar)

#### FDs:

Address, PostalCode → Name

```
CREATE TABLE Gyms
     (Address VARCHAR,
     PostalCode CHAR(6),
     Name VARCHAR,
     PRIMARY KEY(Address, PostalCode));
INSERT
INTO
         Has (Address, PostalCode, Name)
VALUES
          ('2155 Allison Rd, Vancouver, BC', 'V6T1T5', 'Gold's
Gym University MarketPlace')
INSERT
INTO
         Has (Address, PostalCode, Name)
          ('6138 Student Union Blvd, Vancouver, BC', 'V6T1Z1',
VALUES
'ARC @ UBC Life Building')
INSERT
         Has (Address, PostalCode, Name)
INTO
          ('6000 Student Union Blvd, Vancouver, BC', 'V6T1T5',
'V6T1Z1', 'BirdCoop Fitness Centre')
INSERT
         Has (Address, PostalCode, Name)
INTO
         ('6108 Thunderbird Blvd Unit 1, Vancouver, BC',
VALUES
'V6T1Z3', 'UBC BodyWorks Fitness Centre')
INSERT
INTO
         Has (Address, PostalCode, Name)
        ('5740 Toronto Rd #205, Vancouver, BC', 'V6T2H7',
'Little Rock Fitness')
```

# **Table 16: Books\_Appointment**

Books\_Appointment(<u>ID</u>: integer, <u>Phone</u>: char(10), <u>TrainerID</u>: integer, <u>Address</u>: varchar, <u>PostalCode</u>: char(6), Date: char(10), StartTime: char(4), EndTime: char(4), SessionType: char(20))

#### FDs:

- ID → Date
- ID → StartTime
- $ID \rightarrow EndTime$
- ID → SessionType

Decomposition to BCNF: (Already in BCNF)

```
CREATE TABLE Books Appointment
     (Phone CHAR (10),
     TrainerID INTEGER,
     Address VARCHAR,
     PostalCode CHAR(6),
     ID INTEGER,
     Date CHAR(10),
     StartTime CHAR(4),
     EndTime CHAR(4),
     SessionType CHAR(20),
     PRIMARY KEY(ID, Phone, TrainerID, Address, PostalCode),
     FOREIGN KEY(Phone)
           REFERENCES Users (Phone)
           ON DELETE CASCADE
     FOREIGN KEY(TrainerID)
           REFERENCES Trainers(TrainerID)
           ON DELETE CASCADE
     FOREIGN KEY (Address, PostalCode)
          REFERENCES Gyms (Address, PostalCode)
           ON DELETE CASCADE);
INSERT
         Books Appointment (Phone, TrainerID, Address,
```

```
INTO Books_Appointment (Phone, TrainerID, Address, PostalCode, ID, Date, StartTime, EndTime, SessionType)

VALUES ('7785734567', '23458978, '5740 Toronto Rd #205, Vancouver, BC', 'V6T2H7', '02 10 2023', '1400', '1500', 'Upper Body')
```

#### INSERT

```
INTO Books_Appointment (Phone, TrainerID, Address,
PostalCode, ID, Date, StartTime, EndTime, SessionType)
```

VALUES ('7783334987', '23458972', '5740 Toronto Rd #205, Vancouver, BC', 'V6T2H7', '02 10 2023', '1400', '1500', 'Lower Body')

#### INSERT

INTO Books\_Appointment (Phone, TrainerID, Address, PostalCode, ID, Date, StartTime, EndTime, SessionType)

VALUES ('7786879098', '23458973', '5740 Toronto Rd #205, Vancouver, BC', 'V6T2H7', '02 10 2023', '1400', '1500', 'Cardio')

#### INSERT

INTO Books\_Appointment (Phone, TrainerID, Address, PostalCode, ID, Date, StartTime, EndTime, SessionType)

VALUES ('7784758890', '23458971', '5740 Toronto Rd #205, Vancouver, BC', 'V6T2H7', '02 10 2023', '1400', '1500', 'Conditioning')

#### INSERT

INTO Books\_Appointment (Phone, TrainerID, Address, PostalCode, ID, Date, StartTime, EndTime, SessionType)

VALUES ('7781234098', '23458970', '5740 Toronto Rd #205, Vancouver, BC', 'V6T2H7', '02 10 2023', '1400', '1500', 'Pilates')