DELIVERABLE 2

Report Document

Group 7:

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Table Creation and Row Insertion Query

1. LOCATION table
2. Table Creation Query

CREATE TABLE LOCATION

(

Location\_ID INT PRIMARY KEY,

Location\_Name VARCHAR(50) NOT NULL,

Address VARCHAR(100) NOT NULL,

Tel VARCHAR(10),

Email VARCHAR(30)

);

1. Row Insertion Query

INSERT INTO LOCATION VALUES (1, 'Midtown', '7897 McLaughlin Brampton, Ontario, Canada', '2899466376', 'nguytheh@sheridancollege.ca');

1. CLASS\_PRICE table

1. Table Creation Query

CREATE TABLE CLASS\_PRICE

(

Class\_Name VARCHAR(20) PRIMARY KEY,

Price INT

);

2. Row Insertion Query

INSERT INTO CLASS\_PRICE VALUES ('Hiit', 5);

1. CLASS table

1. Table Creation Query

CREATE TABLE CLASS

(

Class\_ID INT PRIMARY KEY,

Day VARCHAR(10) NOT NULL,

Time TIME NOT NULL,

Class\_Name VARCHAR(20),

Gym INT,

Room VARCHAR(20),

FOREIGN KEY (Class\_Name) REFERENCES CLASS\_PRICE (Class\_Name),

FOREIGN KEY (Gym) REFERENCES LOCATION (Location\_ID)

);

2. Row Insertion Query

INSERT INTO CLASS VALUES (1, 'Thursday', '9:50', 'Hiit', 1, 'Studio1');

1. CLIENT table

1. Table Creation Query

CREATE TABLE CLIENT

(

Client\_ID INT PRIMARY KEY,

Client\_Fname VARCHAR(50),

Client\_Lname VARCHAR(50),

Phone VARCHAR(10),

Email VARCHAR(100),

Home\_Location INT,

FOREIGN KEY (Home\_Location) REFERENCES LOCATION (Location\_ID)

);

2. Row Insertion Query

INSERT INTO CLIENT VALUES (1, 'The Hai', 'Nguyen', '2899466376', 'nguytheh@sheridancollege.ca', 1);

1. AMENITIES table

1. Table Creation Query

CREATE TABLE AMENITIES

(

Location\_ID INT NOT NULL,

Amenity VARCHAR(20) NOT NULL,

PRIMARY KEY (Location\_ID, Amenity),

FOREIGN KEY (Location\_ID) REFERENCES LOCATION (Location\_ID)

);

2. Row Insertion Query

INSERT INTO AMENITIES VALUES (1, 'Pool');

1. VISIT table

1. Table Creation Query

CREATE TABLE VISIT

(

Location\_ID INT NOT NULL,

Client\_ID INT NOT NULL,

Visited\_Time INT CHECK (Visited\_Time >= 0),

PRIMARY KEY (Location\_ID, Client\_ID),

FOREIGN KEY (Location\_ID) REFERENCES LOCATION (Location\_ID),

FOREIGN KEY (Client\_ID) REFERENCES CLIENT (Client\_ID)

);

2. Row Insertion Query

INSERT INTO VISIT VALUES (1, 1, 15);

1. COACH table

1. Table Creation Query

CREATE TABLE COACH

(

Coach\_ID INT PRIMARY KEY,

Coach\_Fname VARCHAR(50),

Coach\_Lname VARCHAR(50),

Coach\_Level INT CHECK (Coach\_Level BETWEEN 1 AND 5),

Rating INT CHECK (Rating BETWEEN 1 AND 5),

Training\_Philosophy VARCHAR(300)

);

2. Row Insertion Query

INSERT INTO COACH VALUES (1, 'Sally', 'Afam', 3, 5, 'Gym is the best');

1. COACH\_REVIEW table

1. Table Creation Query

CREATE TABLE COACH\_REVIEW

(

Review\_ID INT PRIMARY KEY,

Review\_Date DATE NOT NULL,

Communication INT NOT NULL CHECK (Communication BETWEEN 1 AND 5),

Enthusiasm INT NOT NULL CHECK (Enthusiasm BETWEEN 1 AND 5),

Punctuality INT NOT NULL CHECK (Punctuality BETWEEN 1 AND 5),

Review\_Description VARCHAR(300),

Coach\_ID INT,

FOREIGN KEY (Coach\_ID) REFERENCES COACH (Coach\_ID)

);

2. Row Insertion Query

INSERT INTO COACH\_REVIEW VALUES (1, '2024-03-30', 3, 4, 3, 'Sally is really a good coach', 1);

1. COACH\_LOCATION table
2. Table Creation Query

CREATE TABLE COACH\_LOCATION

(

Coach\_ID INT NOT NULL,

Location\_ID INT NOT NULL,

PRIMARY KEY(Coach\_ID, Location\_ID),

FOREIGN KEY (Coach\_ID) REFERENCES COACH (Coach\_ID),

FOREIGN KEY (Location\_ID) REFERENCES LOCATION (Location\_ID)

);

1. Row Insertion Query

INSERT INTO COACH\_LOCATION VALUES (1,1);

1. REFERENCE table

1. Table Creation Query

CREATE TABLE REFERENCE

(

Coach\_ID INT NOT NULL,

Client\_ID INT NOT NULL,

PRIMARY KEY(Coach\_ID, Client\_ID),

FOREIGN KEY (Coach\_ID) REFERENCES COACH (Coach\_ID),

FOREIGN KEY (Client\_ID) REFERENCES CLIENT (Client\_ID)

);

2. Row Insertion Query

INSERT INTO REFERENCE VALUES (1, 1);

1. TEACH table

1. Table Creation Query

CREATE TABLE TEACH

(

Coach\_ID INT NOT NULL,

Client\_ID INT NOT NULL,

PRIMARY KEY (Coach\_ID, Client\_ID),

FOREIGN KEY (Coach\_ID) REFERENCES COACH (Coach\_ID),

FOREIGN KEY (Client\_ID) REFERENCES CLIENT (Client\_ID)

);

2. Row Insertion Query

INSERT INTO TEACH VALUES (1, 1);

1. CERTIFICATE table

1. Table Creation Query

CREATE TABLE CERTIFICATE

(

Coach\_ID INT NOT NULL,

Certificate VARCHAR(50) NOT NULL,

PRIMARY KEY (Coach\_ID, Certificate),

FOREIGN KEY (Coach\_ID) REFERENCES COACH (Coach\_ID),

);

2. Row Insertion Query

INSERT INTO CERTIFICATE VALUES (1, 'advanced Fit');