MYSQL CODE FOR HEALTH TRACKING SYSTEM

Create database HealthTrackingSystem;

use HealthTrackingSystem;

CREATE TABLE Users (

UserId INT AUTO\_INCREMENT PRIMARY KEY,

userName VARCHAR(50) NOT NULL,

userEmail VARCHAR(100) UNIQUE,

userAge INT,

userPhoneNumber VARCHAR(15),

userPassword VARCHAR(100) NOT NULL,

userWeight integer,

userHeight integer,

userBMI integer

);

CREATE TABLE FitnessLevel (

FitnessId INT AUTO\_INCREMENT PRIMARY KEY,

FitnessStatus VARCHAR(50),

UserId INT,

FOREIGN KEY (UserId) REFERENCES Users(UserId)

);

CREATE TABLE HealthObservationCategory (

HealthObservationId INT AUTO\_INCREMENT PRIMARY KEY,

HealthObservationType VARCHAR(100)

);

CREATE TABLE ExerciseTimings (

ExerciseTimingsId INT AUTO\_INCREMENT PRIMARY KEY,

ExerciseTotalHours INTEGER,

ExerciseEntryDate DATE,

ExerciseReport VARCHAR(255),

UserId INT,

HealthObservationId INT,

FOREIGN KEY (UserId) REFERENCES Users(UserId),

FOREIGN KEY (HealthObservationId) REFERENCES HealthObservationCategory(HealthObservationId)

);

CREATE TABLE WaterDrinkingLevel (

WaterDrinkingId INT AUTO\_INCREMENT PRIMARY KEY,

WaterLevelInLitres bigint,

WaterEntryDate DATE,

WaterDrinkingLevelReport VARCHAR(255),

UserId INT,

HealthObservationId INT,

FOREIGN KEY (UserId) REFERENCES Users(UserId),

FOREIGN KEY (HealthObservationId) REFERENCES HealthObservationCategory(HealthObservationId)

);

CREATE TABLE WalkingSteps (

WalkingStepsId INT AUTO\_INCREMENT PRIMARY KEY,

WalkingStepCount INT,

WalkingStepReport VARCHAR(255),

WalkingEntryDate DATE,

UserId INT,

HealthObservationId INT,

FOREIGN KEY (UserId) REFERENCES Users(UserId),

FOREIGN KEY (HealthObservationId) REFERENCES HealthObservationCategory(HealthObservationId)

);

CREATE TABLE SuggestionMessage (

SuggestionMessageId INT AUTO\_INCREMENT PRIMARY KEY,

SuggestionMessage VARCHAR(255),

SuggestionMessageDate datetime,

HealthObservationId INT,

UserId INT,

FOREIGN KEY (HealthObservationId) REFERENCES HealthObservationCategory(HealthObservationId),

FOREIGN KEY (UserId) REFERENCES Users(UserId)

);

CREATE TABLE CheckupRemainder (

CheckupRemainderId INT AUTO\_INCREMENT PRIMARY KEY,

CheckupRemainderMessage VARCHAR(255),

CheckupRemainderDate DATE,

UserId INT,

FOREIGN KEY (UserId) REFERENCES Users(UserId)

);

CREATE TABLE Rating (

RatingId INT AUTO\_INCREMENT PRIMARY KEY,

RatingCount INT,

RatingComment VARCHAR(255),

UserId INT,

FOREIGN KEY (UserId) REFERENCES Users(UserId)

);