Web-programming data base

User\_staff (User.ID, First\_name, Last\_name, Phone\_number, Clearance\_level

User\_member (User.ID, First\_name, Last\_name, Phone\_number, Membership\_type

Class\_booking (Booking.ID, User.ID\*, Class.ID\*

Class (Class.ID, Name, location, Time, User.ID\*, Gym.ID\*

Gym\_user (User.ID\*, Gym.ID\*

Gym (Gym.ID, name, address, Phone\_number

CREATE DATABASE work\_hard\_play\_hard;

CREATE TABLE User\_staff (  
    User.ID int NOT NULL,  
    First\_Name varchar(50) NOT NULL,  
    Last\_Name varchar(50) NOT NULL,  
    Phone\_number varchar(11),

Clearance\_level int NOT NULL

CONSTRAINT PK\_User\_staff PRIMARY KEY (User.ID)

);

CREATE TABLE User\_member (  
    User.ID int NOT NULL,  
    First\_Name varchar(50) NOT NULL,  
    Last\_Name varchar(50) NOT NULL,  
    Phone\_number varchar(11),  
    Membersgip\_type varchar(20) NOT NULL,

CONSTRAINT PK\_User\_staff PRIMARY KEY (User.ID)

);

CREATE TABLE Class\_booking (  
    Booking.ID int NOT NULL,  
    User.ID int NOT NULL,  
    Class.ID int NOT NULL,  
    PRIMARY KEY (Class\_booking.ID)

FOREIGN KEY (User.ID) REFERENCE User\_member(User.ID)

FOREIGN KEY (Class.ID) REFERENCE Class(Class.ID)  
);

CREATE TABLE Class (  
    Class.ID int NOT NULL,  
    Name varchar (50) NOT NULL,  
    Location varchar(50) NOT NULL,

Time varchar(5),

User.ID int NOT NULL,

Gym.ID int NOT NULL,  
    PRIMARY KEY (Class\_booking.ID)

FOREIGN KEY (User.ID) REFERENCE User\_staff(User.ID)

FOREIGN KEY (Gym.ID) REFERENCE Gym(Class.ID)  
);

CREATE TABLE Gym\_user (  
    User.ID int NOT NULL,  
    Gym.ID int NOT NULL,  
     
    CONSTRAINT PK\_Gym PRIMARY KEY (User.ID,Gym.ID)

FOREIGN KEY (User.ID) REFERENCE User\_member(User.ID)

FOREIGN KEY (User.ID) REFERENCE User\_staff(User.ID)

FOREIGN KEY (Gym.ID) REFERENCE Gym(Gym.ID)  
);

CREATE TABLE Gym (  
    Gym.ID int NOT NULL,

Name varchar(30),

Address varchar(30),

Phone\_number varchar(11),  
     
    PRIMARY KEY (,Gym.ID)

);

User (User.ID, First\_name, Last\_name, Phone\_number

User\_staff (User.ID\*, Clearance\_level

User\_member (User.ID\*, Membership\_type