Web-programming data base

User\_table(User\_ID,First\_name,Last\_name,Phone\_number,Address,User\_name,Password(hash))

User\_staff\_table (staff\_id, User.ID\*, Clearance\_level)

User\_member (member\_id,User.ID\*, Membership\_type)

Class\_booking (Booking.ID, member\_ID\*, Class.ID\* )

Class (Class.ID, Name, location, Time, staff\_ID\*, Gym.ID\*)

Gym\_User\_table (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)

);

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,

Class\_name varchar (50) NOT NULL,

Location varchar(50) NOT NULL,

Class\_time NUMBER(2,2),

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,

gYM\_Name varchar(30),

Address varchar(30),

Phone\_number varchar(11),

PRIMARY KEY (Gym\_ID)

);