Project name : WorkShop_tuwaiq

الفكرة هي ورشات دراسيه خاصه بالطلبة الذين في مجال التقنية

```
create database workShop;
```

جدول لأضافة الطلاب

```sql
create table students(
    student_id int primary key ,
    name varchar(10) not null ,
    email varchar(30) not null ,
    age int default (15),
    major_name varchar(30) check ( major_name='CS' or major_name='IT' ),
    regester_date TIMESTAMP default CURRENT_TIMESTAMP

);
```

جدول لأضافة المدربين

```sql
create table traninrs(
    traner_id int primary key,
    name varchar(15) not null ,
    email varchar(30) not null ,
    major_name varchar(30) check ( major_name='CS' or major_name='IT' ),
    age int default (20)

);
```

جدول لتنسيق ورشة العمل

```sql
create table workshopp(
    workshop_id int primary key ,
    title varchar(30) not null ,
    description varchar (400) not null ,
    capacity int default 0,
    start_date DATE,
    end_date DATE,
    time_start TIME,
    time_end TIME,
    traner_id int,
foreign key (traner_id) references traninrs(traner_id)
```

```sql
);
```

```sql
create table Attend(
    attend_id int primary key ,
    student_id int,
    workshop_id int,
    attend_date DATE,
    foreign key (student_id) references students(student_id),
    foreign key (workshop_id) references workshopp(workshop_id)
);
```

```sql
create table rate(
    feedBack_id int,
    rating int default 0,
    comment varchar(250) ,
    workshop_id int,
    foreign key (workshop_id) references workshopp(workshop_id)
);
```

الاضافه

```sql
############## insert
insert into students(student_id, name, email, age,major_name)
    value (2,
        'Ahmed',
        'Ali@gmail.com',
        16,
        'IT');

select *from students;


insert into traninrs(traner_id,name, email, major_name, age)
values (1,
    'Saud',
    'saud@gmail.com',
    'IT',
```

```sql
        23);

select * from traninrs;


INSERT INTO workshopp
(workshop_id,title,description,capacity,start_date,end_date,time_start,time_end,traner_id)
VALUES ( 1,
    'Spring boot',
    'Spring boot with java',
    25,
    '2024-11-28',
    '2024-11-30',
    '02:30:45',
    '04:45:50',
    1
);

select *from workshopp;

insert into attend(attend_id, student_id, workshop_id, attend_date)
values (
    1,
        2,
        1,
        '2024-11-28'

    );
select * from attend;


insert into rate(feedBack_id, rating, comment, workshop_id)
values (
        33,
        5,
        'soo Good!',
        1
        );
```

```sql
select * from rate;
```

التعديل

```sql
###########  Update
update traninrs
set major_name='CS'
where traner_id=1;

update workshopp
set capacity=30
where workshop_id=1;

update students
set email  = 'Ahmed@gmail.com'
where student_id=2;


update attend
set attend_date ='2024-12-1'
where attend_id=1;
```

الحذف

```sql
#######################  DELETE
delete from traninrs
where major_name='IT';


delete from workshopp
where title='Python';


delete from students
where age=15;


delete from rate
where rating=2;
```

```
#######
select major_name from traninrs;


select age from students;


select rating from rate;


select title from workshopp;


select comment from rate;
```