

Vezeeta

Script of the Created Tables and Stored Procedures

```
CREATE TABLE doctor ( doctor_id INT PRIMARY KEY, user_name VARCHAR(50),  
password VARCHAR(50), spcialist VARCHAR(50), book_price DECIMAL(8,2),  
doctor_location VARCHAR(100), phone_number VARCHAR(20), gender  
VARCHAR(10), rate DECIMAL(3,1),MAIL VARCHAR2(20) );
```

```
CREATE TABLE Patient ( patient_id INT PRIMARY KEY, user_name VARCHAR(50),  
password VARCHAR(50), phone_number VARCHAR(20), gender VARCHAR(10),  
birth_date DATE, health_insurance VARCHAR(100) , MAIL VARCHAR2(20));
```

```
CREATE TABLE Appointments ( appointment_id INT PRIMARY KEY, doctor_id  
INT, patient_id INT, booking_date TIMESTAMP(6), FOREIGN KEY (doctor_id)  
REFERENCES Doctor(doctor_id), FOREIGN KEY (patient_id) REFERENCES  
Patient(patient_id) );
```

```
CREATE TABLE Reviews ( doctor_id INT, patient_id INT, commentt  
VARCHAR(255), PRIMARY KEY (doctor_id, patient_id, commentt), FOREIGN KEY  
(doctor_id) REFERENCES Doctor(doctor_id), FOREIGN KEY (patient_id)  
REFERENCES Patient(patient_id) );
```

**CREATE TABLE Medical_Records (medical_record_id INT PRIMARY KEY,
doctor_id INT, patient_id INT, appointment_id INT, diagnosis VARCHAR(255),
prescription VARCHAR(255), FOREIGN KEY (doctor_id) REFERENCES
Doctor(doctor_id), FOREIGN KEY (patient_id) REFERENCES Patient(patient_id),
FOREIGN KEY (appointment_id) REFERENCES Appointments(appointment_id));**

**CREATE TABLE Medical_Records (medical_record_id INT PRIMARY KEY,
doctor_id INT, patient_id INT, appointment_id INT, diagnosis VARCHAR(255),
prescription VARCHAR(255), FOREIGN KEY (doctor_id) REFERENCES
Doctor(doctor_id), FOREIGN KEY (patient_id) REFERENCES Patient(patient_id),
FOREIGN KEY (appointment_id) REFERENCES Appointments(appointment_id));**

**CREATE TABLE Medicine (medicine_name VARCHAR(255) PRIMARY KEY, typee
VARCHAR(255), price DECIMAL(10,2), description VARCHAR(255), availabilityy
INT, expire_date DATE, ingredients VARCHAR(255));**

**create or replace PROCEDURE GetReviews(Doc name in varchar2, C Reviews out
sys_refcursor)**

as

begin

open C Reviews for

select re.commentt

from doctor d, reviews re

where d.user_name= doc_name and d.doctor_id=re.doctor_id;

end;

create or replace PROCEDURE

GetMedicinePrice

(medicineName in VARCHAR2, Mprice out number)

as

BEGIN

select price into Mprice

FROM medicine M

where M.medicine name= medicineName;

end;

insert into medicine(medicine name, typee, price, description, availability)

values('pandol','drug',25,'drug used for influenza and headaches',10)

insert into medicine(medicine name, typee, price, description, availability)

values('trimdflow','drug',12,'drug used for influenza and headaches',5)

insert into doctor(Doctor id,user name,specialist) values(1,'ahmed','cardiolgy')

insert into doctor(Doctor id,user name,specialist) values(2,'samaa','sports medicine')

insert into doctor(Doctor id,user name,specialist) values(3,'zyad','dentist')

insert into patient(patient id, user name) values(1,'sara')

insert into patient(patient id, user name) values(2,'zain')

insert into reviews(doctor id,patient id,commentt) values(1,1,'nice doctor helped a lot')

insert into reviews(doctor id,patient id,commentt) values(2,2,'i started runining again')

insert into reviews(doctor id,patient id,commentt) values(3,2,'he cured me perfectly')

insert into appointments(appointment id,doctor id,patient id,booking date)values(1,1,1,sysdate)

INSERT INTO appointments (appointment id, doctor id,patient id, booking date)
VALUES (2, 1,1, TO_TIMESTAMP('2023-04-28 13:53:29','YYYY-MM-DD HH24:MI:SS'));

INSERT INTO appointments (appointment id, doctor id,patient id, booking date)
VALUES (3, 1,2, TO_TIMESTAMP('2023-05-28 13:53:29','YYYY-MM-DD HH24:MI:SS'));

INSERT INTO appointments (appointment id, doctor id,patient id, booking date)
VALUES (4, 3,2, TO_TIMESTAMP('2023-06-10 13:53:29','YYYY-MM-DD HH24:MI:SS'));

select booking date from appointments ap,doctor d where d.user name=:doc name and
d.doctor id= ap.doctor id and booking date >= Sysdate

UPDATE medicine

SET expire date = TO_DATE('2024-04-29', 'YYYY-MM-DD')

WHERE medicine name='trimdflow';

UPDATE medicine

SET expire_date = TO_DATE('2023-02-15', 'YYYY-MM-DD')

WHERE medicine_name='pandol';

insert into medicine(medicine_name, typee, price, expire_date, description, availability)

values('catafast','drug',15, TO_DATE('2023-06-25', 'YYYY-MM-DD'),' for headaches',10)

insert into medicine(medicine_name, typee, price, expire_date, description, availability)

values('dove','comestics',35, TO_DATE('2022-06-25', 'YYYY-MM-DD'),' for curly hair',30)

UPDATE medicine

SET expire_date = TO_DATE('2024-06-25', 'YYYY-MM-DD')

WHERE medicine_name='dove';

commit;