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-- The Medication Tracker System database helps manage patient treatment and medication schedules. It allows both patients and doctors to easily track medications, and other important patient details.

-- https://stackoverflow.com/questions/20958/list-of-standard-lengths-for-database-fields#:~:text=T%20just%20queried,length%20was%2035.

create table dr (
    id int auto_increment primary key,
    name varchar(100), #Comine of first and last
    gender varchar(6) check ( gender = 'male' or gender = 'female' ),
    email varchar(62),
    specialization varchar(50),
    experience int,
    department varchar(50)
);

create table patient (
    id int auto_increment primary key,
    name varchar(100),
    gender varchar(6) check ( gender = 'male' or gender = 'female' ),
    email varchar(62),
    phone_number varchar(10),
    emergency_contact varchar(10),
    diagnosis varchar(255),
    dr_id int unique,
    foreign key (dr_id) references dr(id)
);
```

```
create table address (
   state varchar(20),
   neighbourhood varchar (15),
   med category varchar (50),
   foreign key (patient id) references patient(id),
```

```
('Dr. Nourah', 'female', 'nourah@gmail.com', 'Pediatrics', 10, 'Pediatrics'), ('Dr. Othman', 'male', 'Othman@gmail.com', 'Gastroenterology', 18,
01', 'Twice a day', 'Take with food', 3, 3),
('Ventolin', 'Salbutamol', 'Bronchodilator', 'Respiratory', '2024-01-01', '2024-06-30', 'As needed', 'Inhale as directed', 4, 4), ('Omeprazole', 'Omeprazole', 'Proton Pump Inhibitor', 'Gastrointestinal',
```

```
insert into appointment (appointment date, appointment time, status,
patient id, dr id)
('2024-03-10', '10:00:00', 'Scheduled', 3, 3), ('2024-04-12', '14:00:00', 'Scheduled', 4, 4), ('2024-05-15', '08:30:00', 'Completed', 5, 5),
update patient
delete from patient
update address
delete from address
where name = 'Al-Dawaa Pharmacy';
update medication
```

```
-- Update the appointment status for patient 2 to Scheduled update appointment set status = 'Scheduled' where patient_id = 2;
-- Delete the appointment of patient 3 from the appointment table delete from appointment where patient_id = 3;
```