

**'\*' => Primary Key**

**'^' => Foreign Key**

## **Problem 1**

- musician(id\*, name, phone, st, city)
- album(id, title, cr\_date, ^musician-id)
- song(title, author, album-id)
- instrument(name, key)
- musician\_song(musician\_id, song\_id)
- musician\_instrument(musician\_id, instrument-name)

## **Problem 2**

- Sales\_office (num - loc - ^manager-id)
- Employee (id - name - ^Sales-office-num)
- Property(id - add - city - state - zip - ^Sales-office-num )
- Owner (\*id - name)
- Property\_Owner(Property\_id - Owner\_id - Percent-owned )

## **Problem 3**

- Patient (id - name - DOB - ^consultant-id - ^ward-id)
- consultant(id - name)
- ward(id - name - ^nurse-num)
- nurse (number - name - address - ^ward-id)
- drug (code - dosage )
- drugs-brand(code - brand)
- Patient-consultant(patient-id - consultant-id )
- nurse-drug-patient (patient-id - drug-id - nurse-id - dosage - date - time)

## Problem 4

- Airline (\*id - name - address - contact-person),
- Airline-phones(id -phone),
- Employee (\*id - name - address - day - month - year - gender - position - ^airline-id),
- Employee-qualifications (id -qualifications),
- Transaction (\*id - date - amount - description - ^airline-id),
- Aircraft (\*id - model - capacity - ^airline-id),
- Rout (\*id - organ - classification - destinations - distance),
- Aircraft-Rout (aircraft-id -Rout-id - Price - arrival - num-of-passengers - departure )

## Linkedin Task

[https://www.linkedin.com/posts/diaa-elsadek-1b82682a8\\_sqlserver-database-ssms-activity-7346531683514343424-aU7t?utm\\_source=social\\_share\\_send&utm\\_medium=member\\_desktop\\_web&rcm=ACoAAEoTtRwBqTI5SMCN0NO8s1Yfj7zRiqzAalc](https://www.linkedin.com/posts/diaa-elsadek-1b82682a8_sqlserver-database-ssms-activity-7346531683514343424-aU7t?utm_source=social_share_send&utm_medium=member_desktop_web&rcm=ACoAAEoTtRwBqTI5SMCN0NO8s1Yfj7zRiqzAalc)