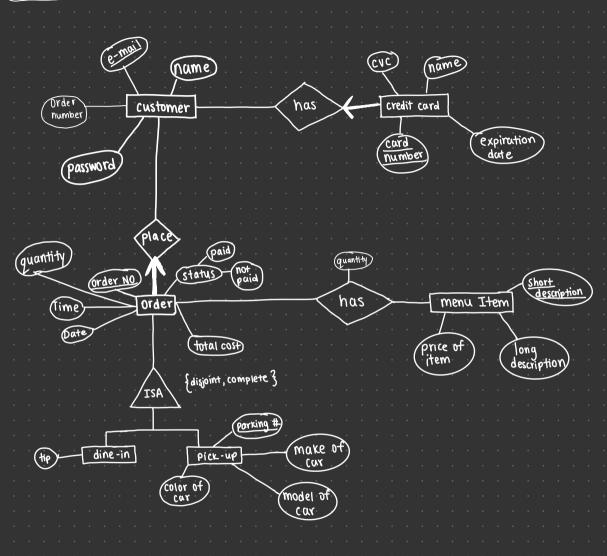
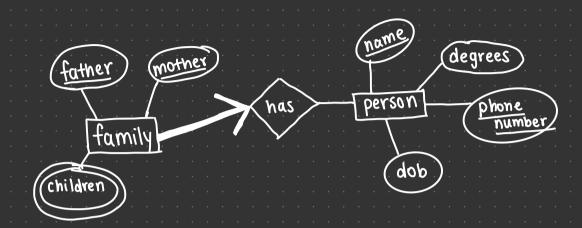
Midterm Exam 1:

Question 1



## Assumptions:

- → Order Number (Order No) is primary Key.
- → Parking number has been underlined because I am assuming this is representing only one order, so at one time, there is only one specific Car at one specific parking space for a specific order.



Question 3:

Patient (id: int, admit\_dute: date, physician\_SSN: varchar (11), primary key (id), foreign key (physician\_SSN) references Physician not mul)

references Bed not null)

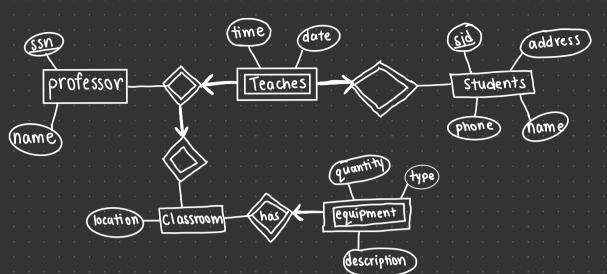
Physician (physician \_ SSN : varchar(11), name : Varchar (50), address : varchar (50), phone : varchar (10), primary key (Physician - SSN)

Bed (RoomId: varchar (10), bed# int, isICU boolean, primary key (Room\_ID, bed #), foreign key (Room\_ID) references Room)

resident Patient (id : int , Room\_Id : varchar(10), bed #: int , discharge\_date : date , primary key (id), foreign key (id) references Patient, foreign Key (id)

|Room(RoomId : Varchar (10), primary key (Room\_Id))

out Patient (id: int, checkback\_date: date, primary key (id), foreign key (id) references Patient)



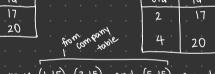
## Question 5:

a) When you use the instruction, delete from table company where cid = 2, so, (cid, id) = (2, 17), then you will receive an error message saying that you cannot delete because company table is referred by the Department table. And, so there the corporation

15. When this is deleted, then

question is asking about corporation table (1,15), (3,15), and (5,15) are deleted.

So, after this you are left with:



And, since rows (1,15), (3,15), and (5,15) are deleted then the rows for (1,1), (4,3), (5,5), (6,11), (7,3), (8,3), (9,1), (12,5) are deleted.

form (did, cid)

Question 5 Continuation:

(6,17)

(2,17)

C) When we update company set cid = 6 where cid = 2, so therefore, wherever 2 is a cid in the deportment would be updated with NVLL instead