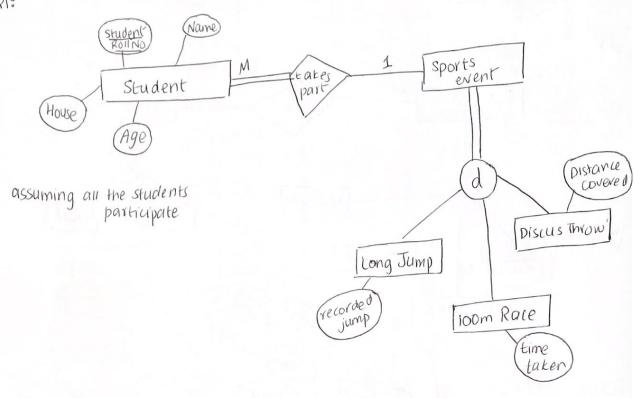
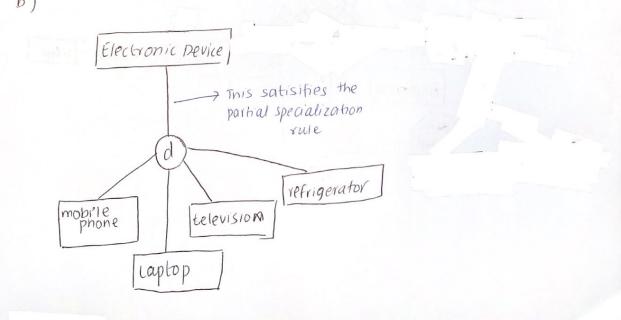
01:

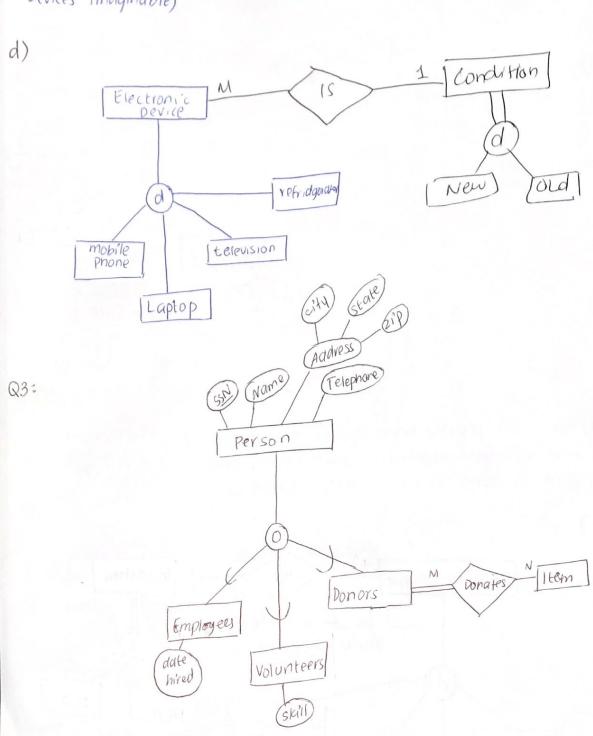


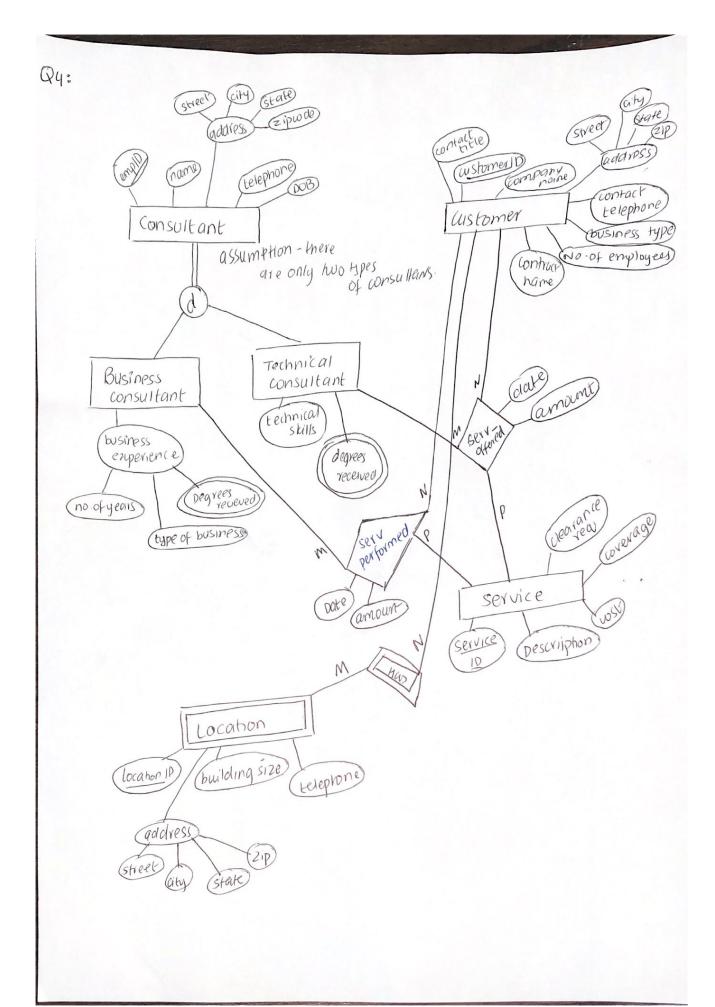
Q:20) Yes, it is possible because an these different electronic devices have common attributes which means these are sub-classes and 'electronic device' is the super class

b)

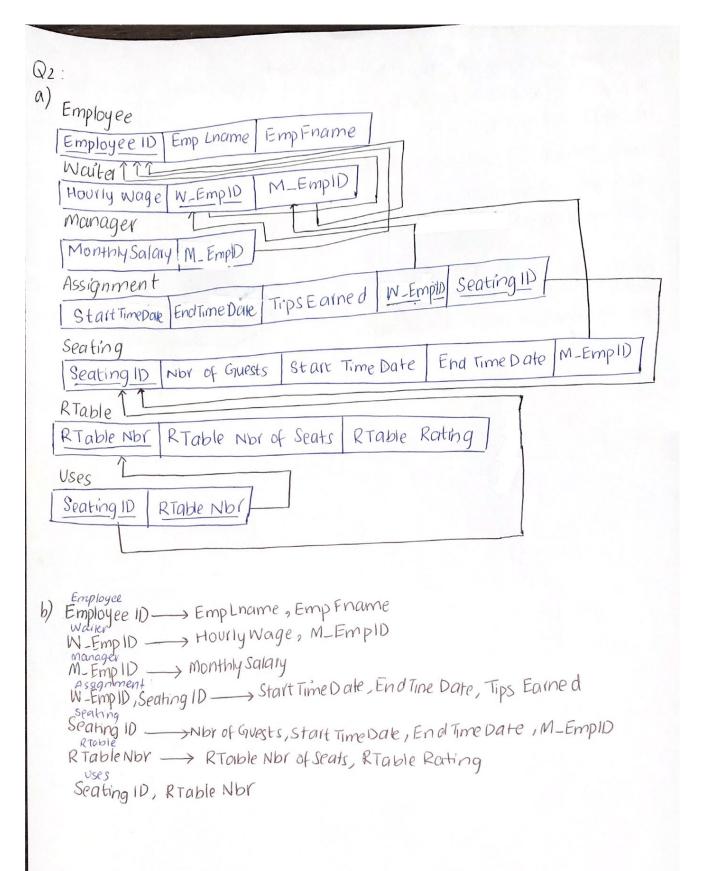


C) When all the possible electronic devices are mentioned in the hierarchy then it will satisfy the complete specialization rule. (All electronic devices imaginable)





Assignment 8 Q:1 Truck type Model Capacity Weight Employee Salary Shift SSN Driver Restr Lic-num SSN Service Hours Date Workcode Reg # Truck Reg # Model Garage Num Garage capacity Number Location Owner OwnerID Coorporation Name Address Phone Owner ID Person SSN Name Address Phone Owner ID Owns Reg# Owner 11) DRIVES Model SSN Maintain Reg # Date Workcode SSN WOYK UN Model SSN



C) EmployeeID = {EmployeeID, Emp (name, EmpFname)}

W-EmpID + = {W_EmpID, M_EmpID, nourly wage}

M-EmpID + = {M_EmpID, monthly salary}

EmpID, seahngID + = {EmpID, seabing ID, Start Time Date, End Time Date, Tips Earned}

SealingID + = { Sea 6 ng ID, Nor of Guests, Nor of Seats, R Table Rahing}

SealingID, R Table Nor 7 = { Sea6 ng ID, R Table Nor g

all the LHSs of the FDS determine all the attributes of their respective tables as mentioned in part (b) so since the LHSs are all superkeys all these are in 3NF.

Q3:

a) Videos and Subscribers. 4 subclasses of videos ise movies, documentaries, diamas
b) and cartoons.

b) Two relationships between Videos and subscribers one is videos watched by subscribers & the other
one is videos the subscribers desire to watch

C) Videos (VideoID, Title, Description, uploadDate, creator, duration, genre)
Subscribers (subID, name, age, phone, email, password, country)

