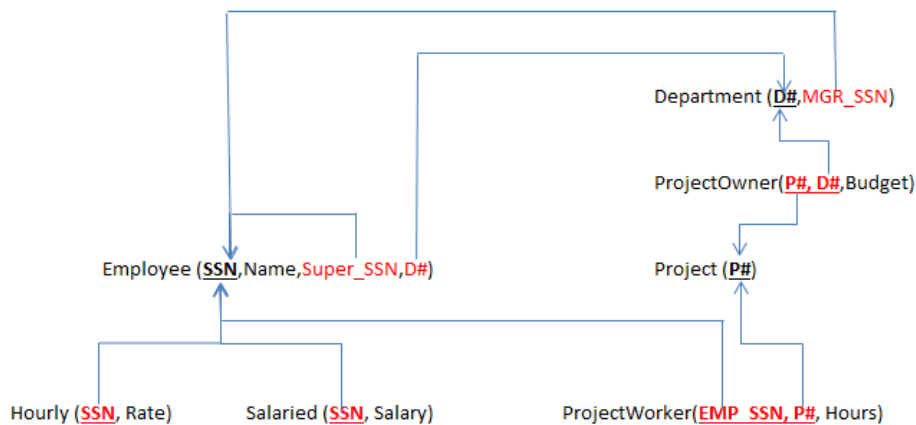
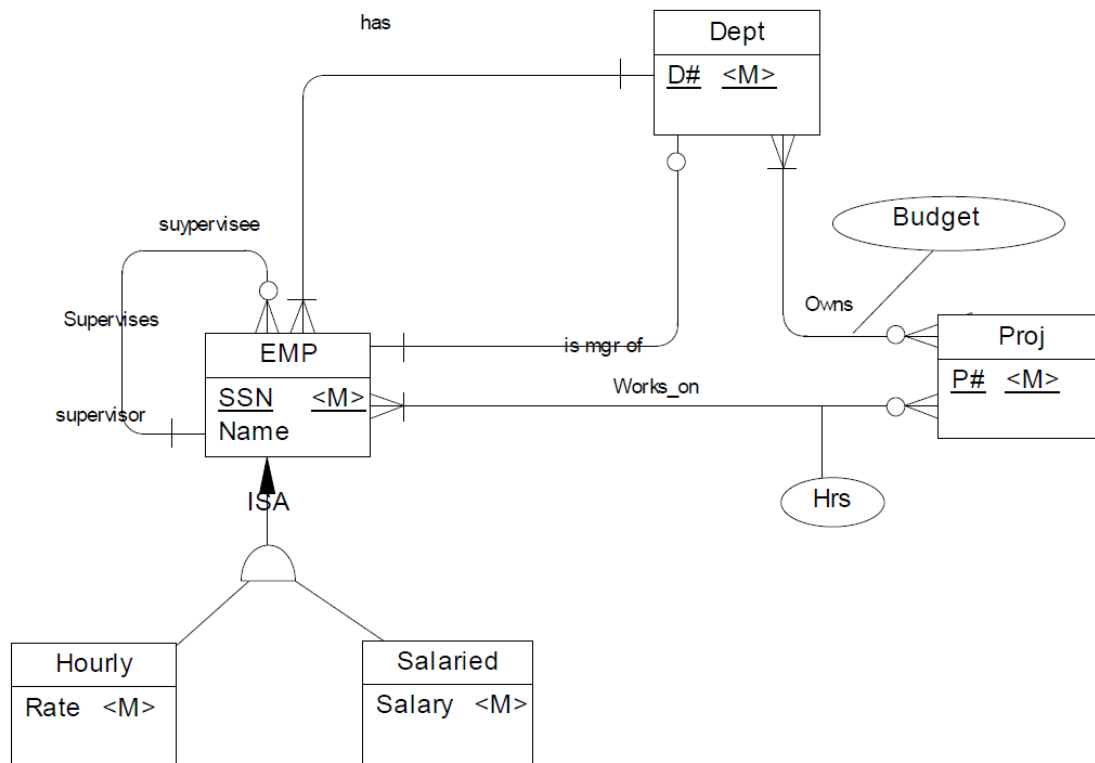


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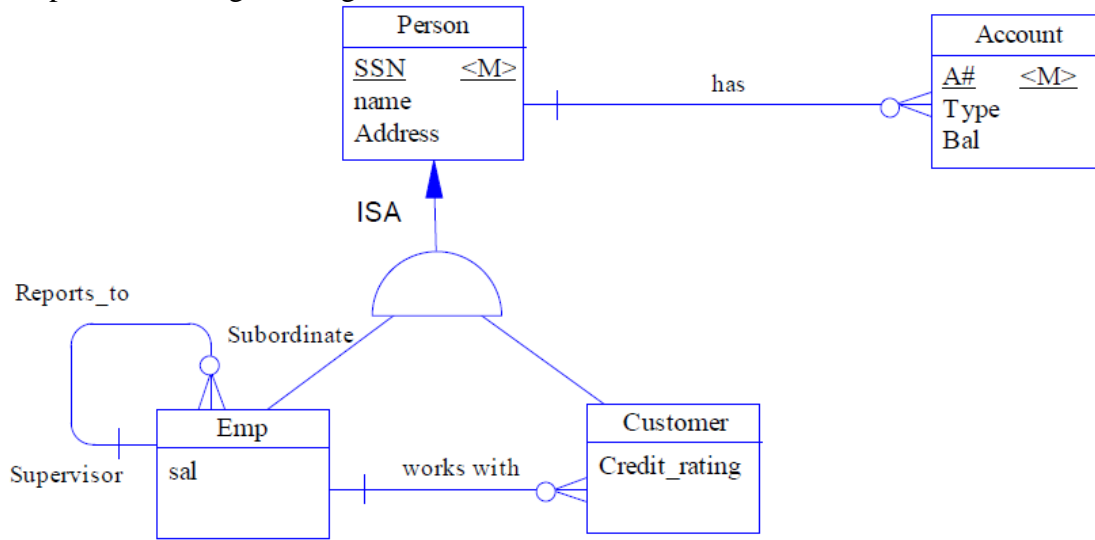
1:

Map the following ER model to a relational DBMS schema. Only show the relational schemes for the tables. In mapping the inheritance, apply alternative 1 from lecture notes (i.e., create a table for each entity type). Underline all Pkeys.



2:

Map the following ER diagram to a set of relational schemes.



Person (**SSN**, name, Address)

Emp (**SSN**, sal, SuperSSN)

Customer (**SSN**, Credit_rating, EmpSSN)

Account (**A#**, Type, Bal, SSN)

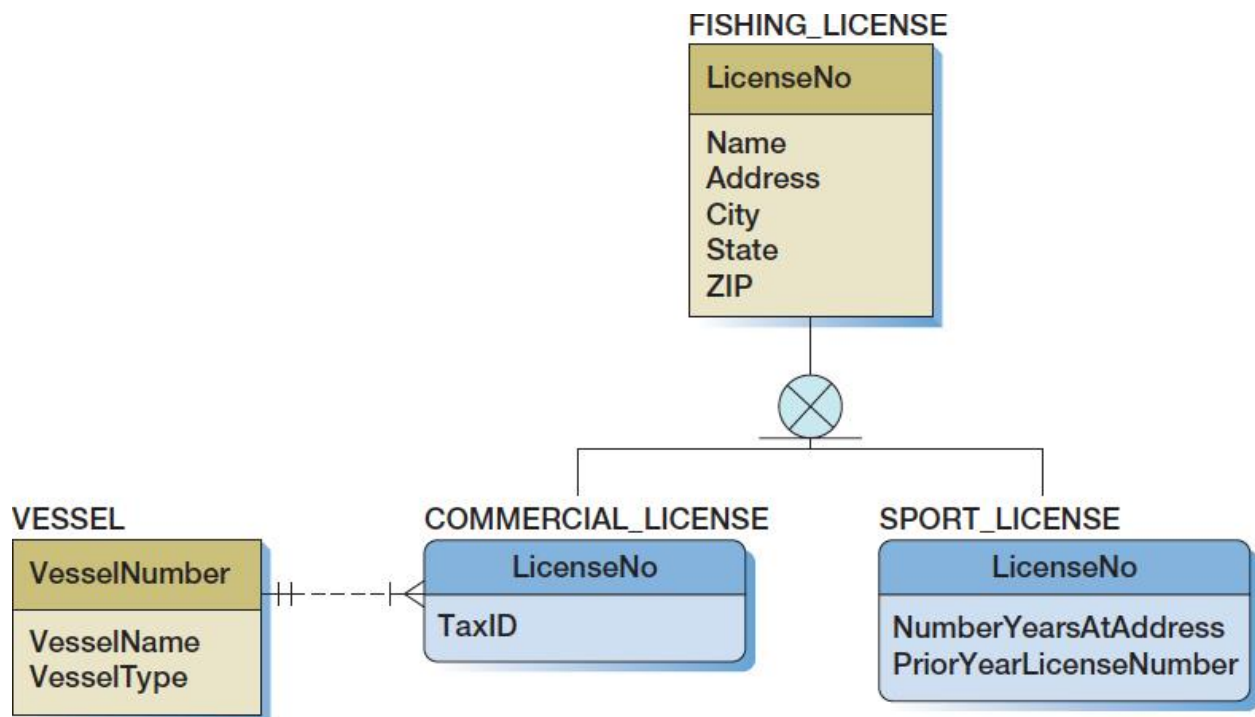
Relation/Table	Foreign Key
Account	SSN refers to Person' SSN
Emp	SSN refers to Person' SSN
Emp	SuperSSN refers to Emp's SSN
Customer	SSN refers to Person' SSN
Customer	EmpSSN refers to Emp's SSN

3:

Some forms suggest the possibility of using subtypes. For example, the form below shows two sections shaded in a darker color, one for commercial fishers and another for sport fishers. Please draw an ER diagram to model the form.

Resident Fishing License 2018 Season					License No: 03-1123432	
Name:						
Street:						
City:			State:		ZIP:	
For Use by Commercial Fishers Only				For Use by Sport Fishers Only		
Vessel Number:				Number Years at This Address:		
Vessel Name:				Prior Year License Number:		
Vessel Type:						
Tax ID:						

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(Textbook, Ch.5, Fig. 5-37)