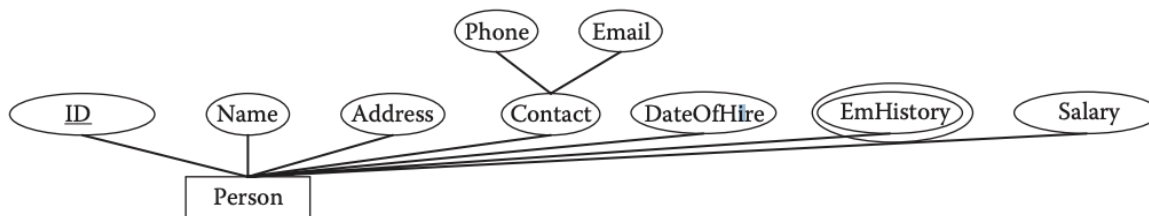
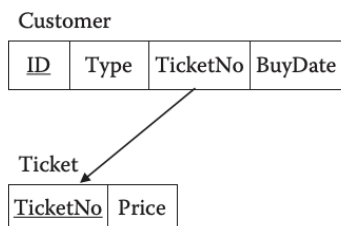
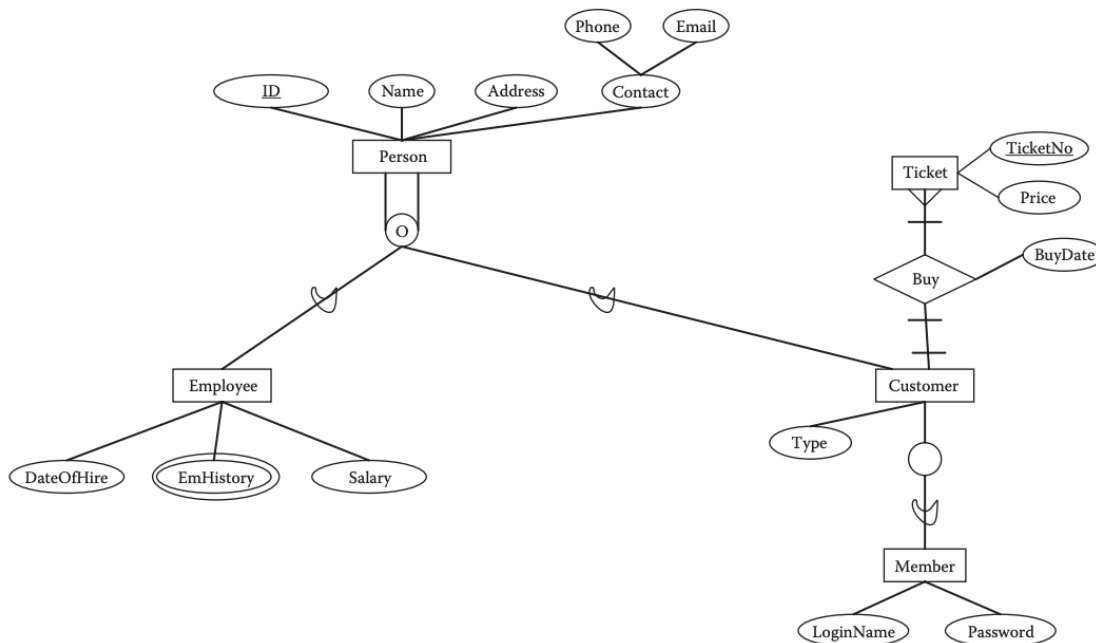


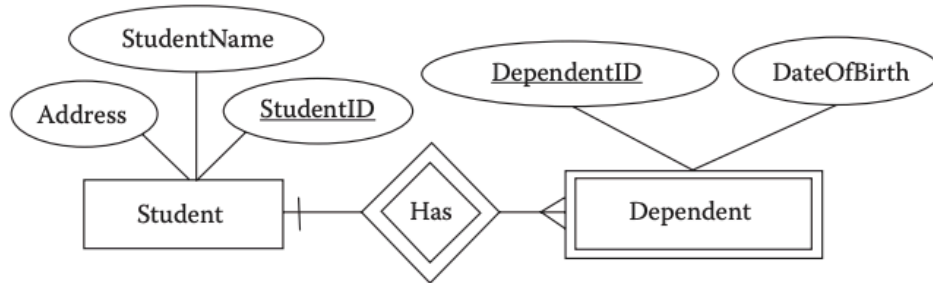
3. Transform the following Person entity to a relation.



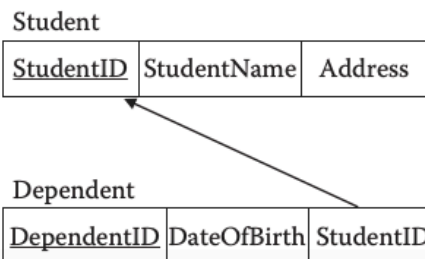
5. The Buy relationship in the following E-R model is transformed into a relational model as follows. Is there any problem with this transformation? If so, discuss the problem(s) and make corrections.



7. The transformation of an E-R model to a relational model is shown in the following. Is this transformation correct? If not, explain what is incorrect and why it is incorrect, and make a correction.



Wu. Developing Windows-Based and Web-Enabled Information Systems, Taylor & Francis Group, 2014. ProQuest Ebook Central, al.proquest.com/lib/asulib-ebooks/detail.action?docID=1656512.
 books on 2024-06-04 04:42:48.



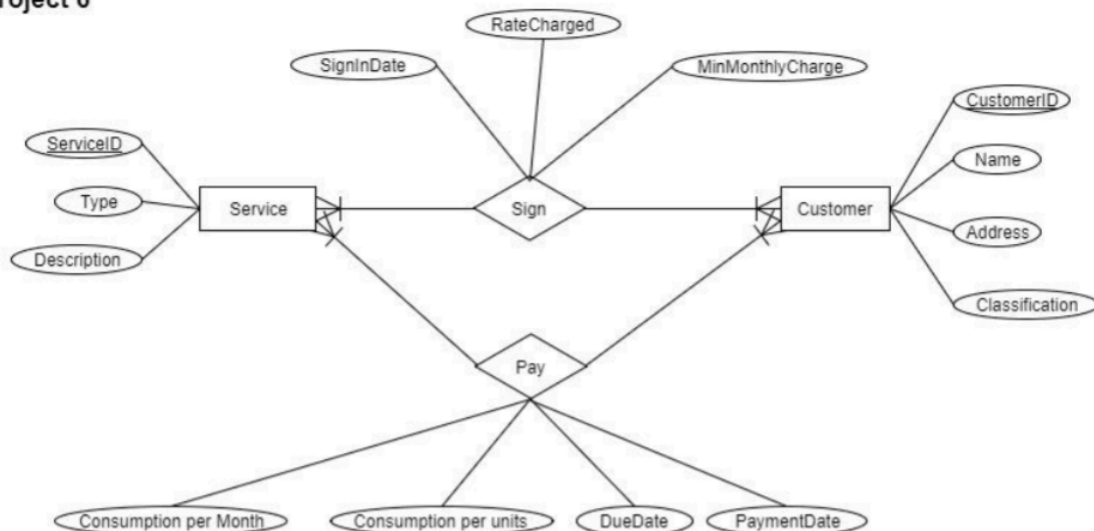
10. The PatientVisit relation keeps information about the patients' visits to doctors.
- Identify the functional dependencies in the relation.
 - Is this relation in 2NF, 3NF, and BCNF, and why? If not, show your steps of performing the normalization to transform the relation into 2NF, 3NF, and BCNF. Show all referential integrity constraints in the relational model that result from the normalization.
 - Identify the functional dependency in each relation in the final relational model produced in b.

PatientVisit

<u>PatientID</u>	Name	Address	<u>VisitDate</u>	DoctorID	DoctorName
P1209	J. Johns	134 West	3/3/02	D1256	A. Frank
P1209	J. Johns	134 West	9/10/02	D1256	A. Frank
P1215	J. Johns	200 West	3/3/02	D4523	D. Gomez
P1221	F. Brown	223 South	6/7/02	D6712	G. Kelly
P8912	F. Dong	45 East	9/12/02	D8917	M. Julius

5. (30 pts) Transform the E-R model for Case Study 6 into a relational model.

Project 6



6. (30 pts) Transform the E-R model for Case Study 30 into a relational model.

