CS 301P Database Systems Lab
Lab 09

Map the given UML schema to a relational schema. The relational schema should strictly follow the mapping rules discussed in the class. After doing OR mapping, <u>every table</u> in the relational schema should be shown in the following example format:

Table name = EMPLOYEE

Name of column	Data type	Constraints (PK, FK, Surrogate, UNIQUE, NOT NULL, etc.)
EMP_ID	Number	PK, Surrogate
Emp_Name	String	NOT NULL
Dept_ID	Number	FK references Department.Dept_ID, NOT NULL

Note:

- *Every table should contain only those columns that are either present in the UML schema or is introduced for the purpose of OR mapping. Do NOT introduce new attributes in the relational schema without a proper reason!*