Tutorial 2: Relational Model

CS3402 Database Systems

Question 1

➤ Translate the given ER diagram to relational models based on the following steps.

a) Map each strong entity type into a relation

b) Map each weak entity type with its identifying relationship type into a relation

c) Map each binary 1:1 relationship type into attributes

d) Map each binary 1:N Relationship types into attributes

e) Map each binary M:N relationship type into a relation

f) Map each N-ary relationship type into a relation

g) Map each multi-valued attribute into a relation