

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

