Problem 4



ID cardinality rule violation.

Identifying Relationship rule violation

Same name of two attributes

Redundant FK rule Violation

* Resolution of the identifying relationship rule: The problem can be resolved by adding one or more weak entities or making the relationship (Rel6) non-identifying.
* Resolution of the identification dependency cardinality rule: The problem can be resolved by changing the weak entity’s cardinality in Rel7 to (1,1).
* Resolution of the redundant FK rule: Normally the problem can be resolved by removing the redundant foreign keys (Entity2.Attribute4-1). If the attribute does not represent a foreign key, it should be renamed instead of removed.
* Resolution for same name of two attributes : Attribute 2-1 of entity 2 should be renamed as attribute 2-5.