**ERD PROBLEM 4**



Errors are:

**Relation 2**: Redundant foreign key rule violation

Soln: Either remove Attribute 1-1 and 4-1 of entity 2 or rename them.

**Entity 2**: entity name rule violation

Soln: Remove Attribute 2-1(second one preferably) from entity 2

**Relationship 6:** Identifying relationship rule violation

Soln: make entity 4 as a weak entity

**Relationship 7**: ID dependency rule violation

Soln: minimum and maximum cardinality should be 1-1

**Relationship 6:** Duplicate relationship name

Soln: two relationships with rel6 name, one should be renamed