



I identified the following consistency errors in the ERD diagram provided and they can be corrected by doing following changes:

* Attribute name duplication: There are two attributes with name “Attribute2-1” .Either delete the second attribute as it is not the primary key or rename it.
* Redundant foreign key : Normally the problem can be resolved by removing the redundant foreign keys (Entity2.Attribute1-1 and Entity2.Attribute4-1).
* Identifying relationship rule: Either change the relationship (Rel6) between Entity 4 and Entity 7 to “non-identifying” or change Entity 4 to a weak entity.
* Identification dependency cardinality rule and Identifying relationship rule : Change Rel7 to “non-identifying” and make Entity 6 a strong entity. Or, change Rel7 to “1-1” type.