Problem 4



**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 relationships name Rule:** Two Relationships can’t have same name. The problem can be resolved by changing one of the rel6(entities5-7 or entities 4-7) to rel 8.

**Resolution of the identifying relationship rule:** The problem can be resolved by adding one or more weak entities or making the relationship (Rel8 i.e relationship between entity 4 and 7) to non-identifying.