

Forum

HW - 2

We have created an almost exact copy of the diagram shown in the previous assignment (the diagram itself remained unchanged). To implement ISA relationships, we create a separate table for each new subentity. For one-to-many relationships (such as Responds To, Author, Did) we added foreign keys to the respective entity. For many-to-one and many-to-many relationships, the respective tables were created. For all ids we use AUTO_INCREMENT to ensure uniqueness and auto-generation of them. For all foreign keys DELETE CASCADE was added. Everything else is just a copy of our ER model with some constraints like NOT NULL and proper data types.