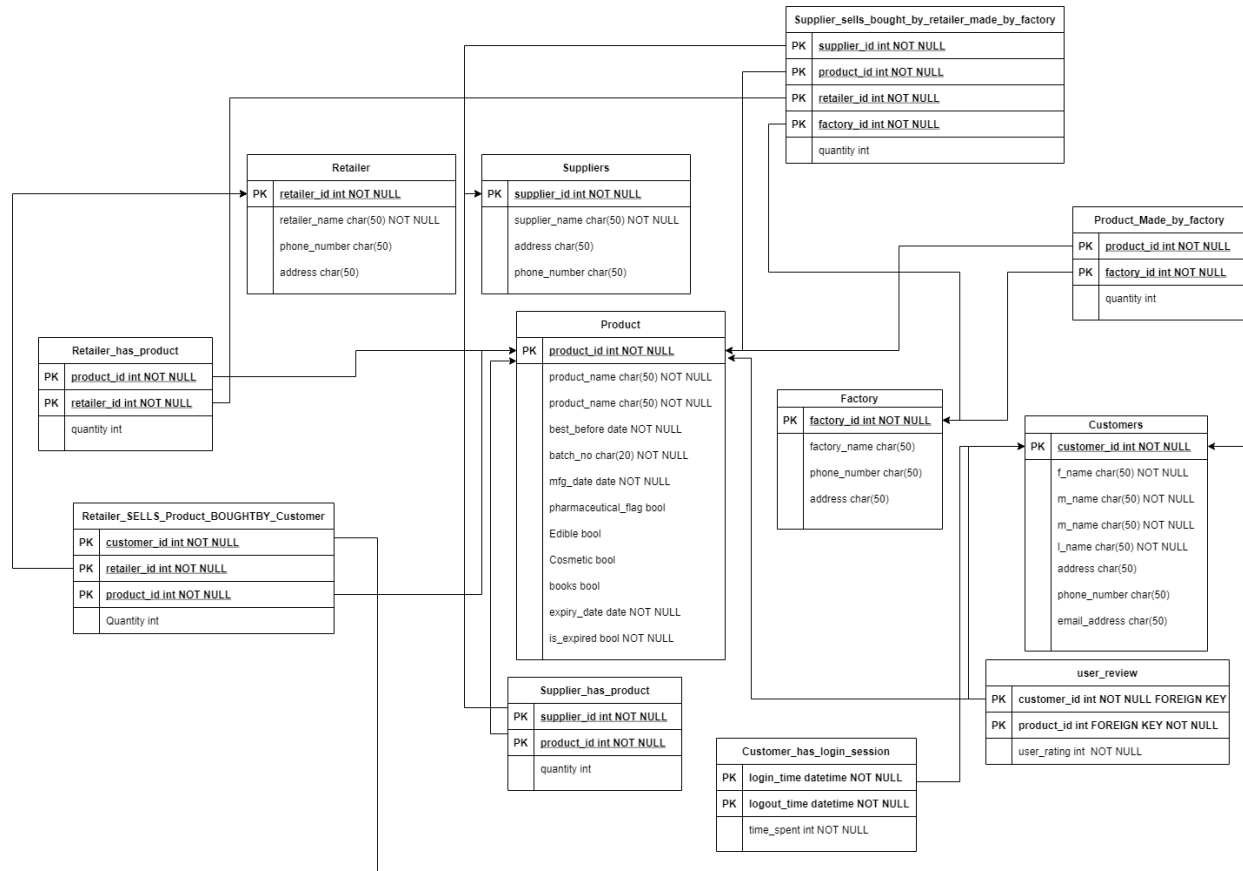


Project Phase - 3

Mapping ER to relational model



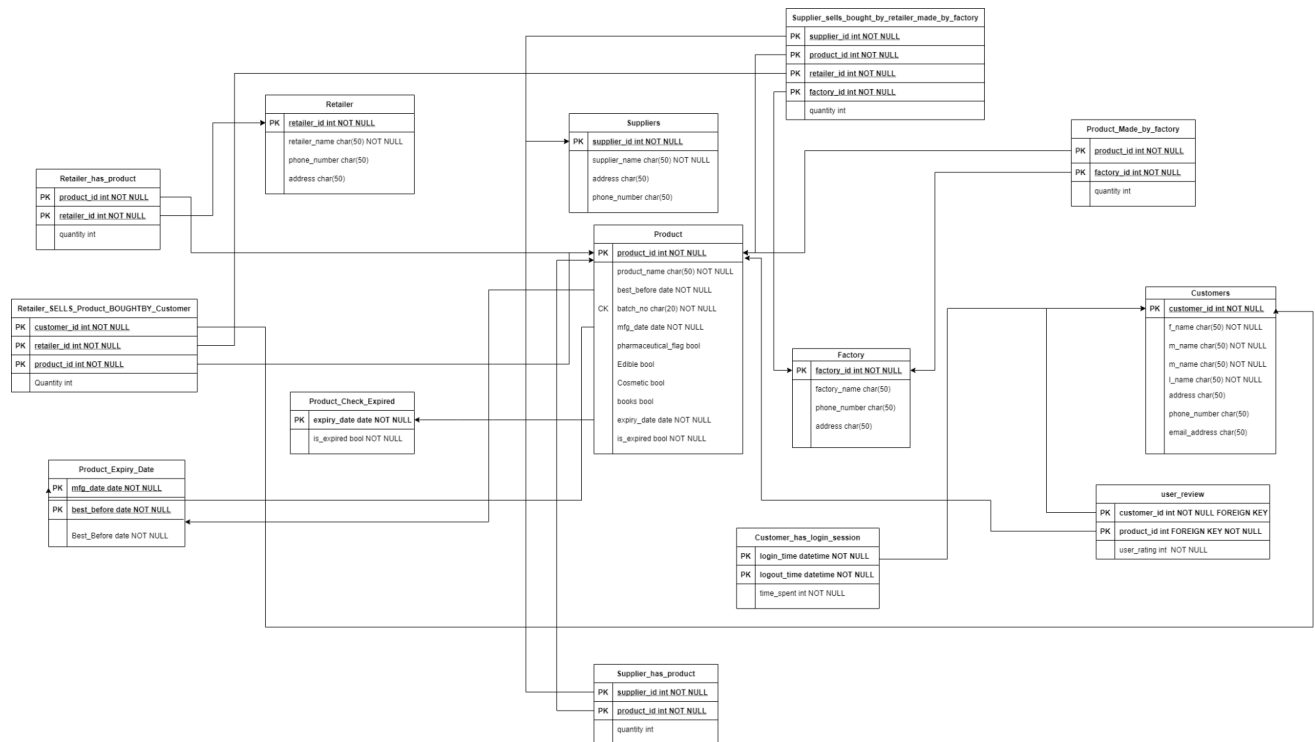
Relational model after conversion to 1NF

After mapping ER to the Relational model, it was already in its 1st Normal Form

Relational model after conversion to 2NF

After mapping ER to the Relational model, it was already in its 2nd Normal Form.

Relational model after conversion to 3NF



For the 3rd Normal form, we had to decompose the Relation Product to

1. Product - PK - product_id
2. Product_Check_Expired - PK - expiry_date and
3. Product_Expiry_Date - PK - mfg_date and best_before_date.