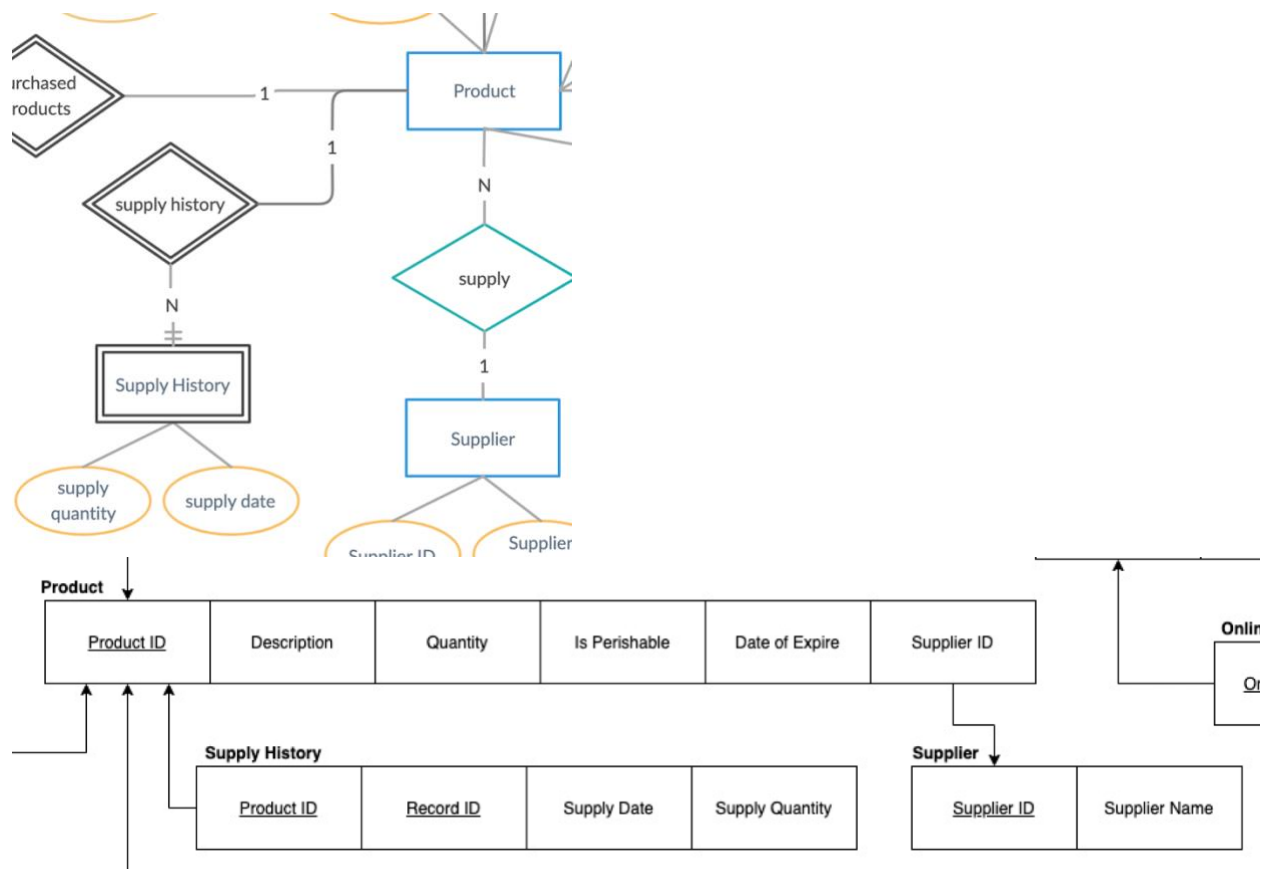


DB 6360 Project Phase III - Implementation

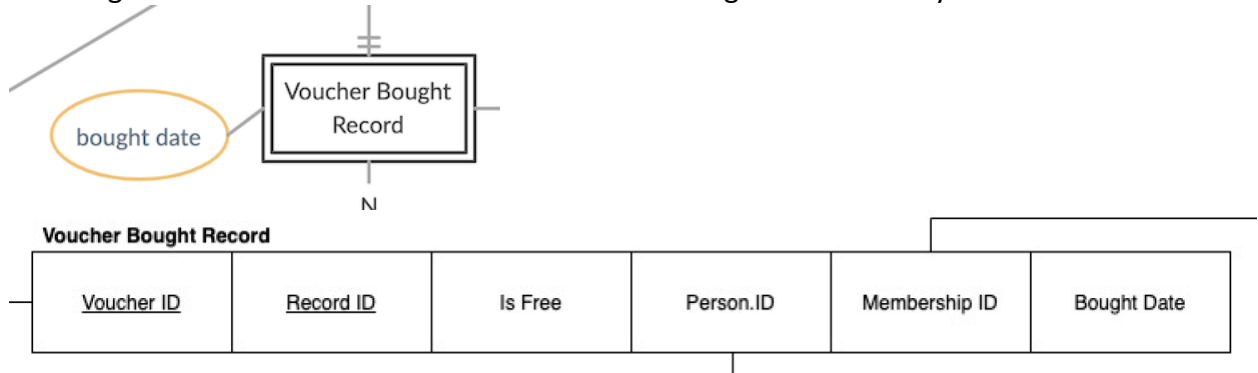
EER and Relation Diagram Modification:

Because the lack of some necessary information for views and queries, more attributes and entities are added in EER and relation diagram. The modified EER and Relation Diagram are attached in zip folder.

1. Supply history and corresponding attributes are added to record more supply information.



2. Bought date is additional attribute for Voucher Bought Record entity

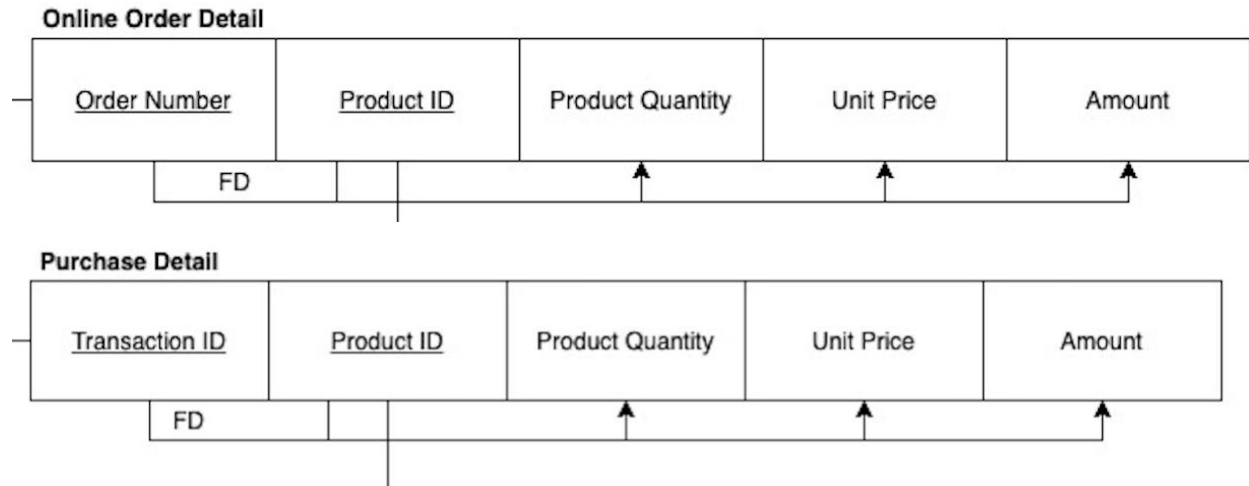


Normalization tables to 3NF:

All the tables in the relation diagram are already in 3NF, and the dependency diagram is attached in zip folder.

Special case:

In Online_order_detail and Purchase_detail tables, the “Amount” attribute is a derived attribute calculated from Product_quantity*Unit_price, so it will not be decomposed from the tables.



Write SQL to create tables:

The attached file grocery_store.sql in zip folder includes the statements for creating tables in MySQL.

Create Views:

The attached Views.sql in zip folder includes the statements for creating views in MySQL.

Queries:

The attached queries.sql in zip folder includes the statements for querying in MySQL.