



Faculty of Engineering and Technology
Electrical and Computer Engineering
Department

Database Management systems
COMP333

Phase 2: ERD Diagram

Prepared by:

Osaid Nur 1210733

Yazan AbuAloun 1210145

Lana Musaffer 1210455

Instructor: Bassem Sayrafi

Section: 2

Date: 7/11/2024

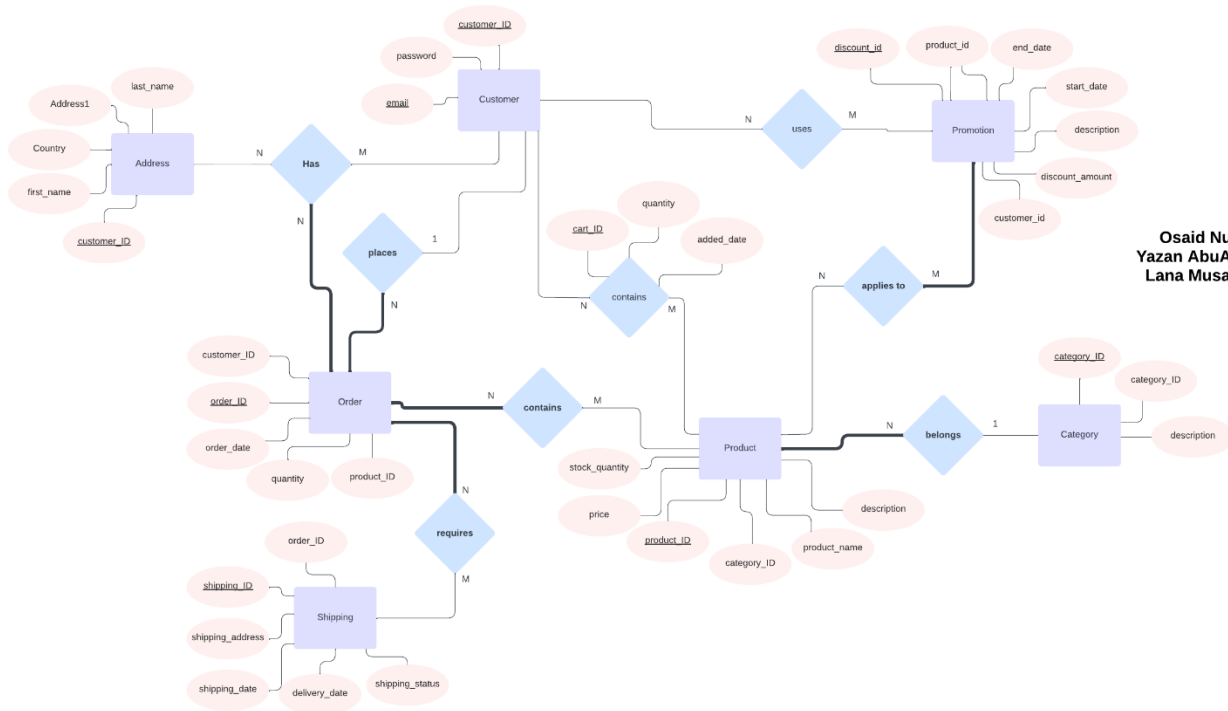
Project Description:

This project involves making an online store website for Sbitany. The store contains numerous products, including but not limited to consumer electronics, home appliances and more. The store will support shopping carts, user ratings and discounts.

Main Tables:

- 1) **Customer Table:** contains customer information such as customer_id, first_name, last_name, email, password, address, and phone.
- 2) **Category Table:** Contains category information such as category_id , category_name, and category_description.
- 3) **Shipping Table:** Contains shipping information such as shipping_id, order_id and shipping_address,
- 4) **Product Table:** contains product information such as product_id, category_id, product_name, description, price and stock_quantity.
- 5) **Order Table:** Contains order information such as Order_id, Customer_id, Order_date, Status and Total_amount.
- 6) **Promotion Table:** Contains promotion information such as discount id, code, start_date, end_date and description.
- 7) **Shopping_Cart Table:** Contains shopping cart information such as, cart_id, product_id, customer_id, quantity and added_date.
- 8) **Order_item Table:** An intermediary table between order and product table. Contains order_item_id, order_id, product_id and quantity.

ERD Diagram:



Osaid Nur 1210733
Yazan AbuAloun 1210145
Lana Musaffer 1210455