BOUTIQUE MANAGEMENT SYSTEM BY EMAN SARFRAZ:

The proposed Boutique Management System is designed to efficiently manage data for boutique stores, including products, customers, staff, and sales. The system is tailored to meet the needs of boutique owners and customers, providing an easy-to-use platform to manage and update stock, sales, and customer information. The system consists of the following components: products, inventory, and sales, making it a comprehensive solution for boutique management. A boutique is a small store that sells stylish clothing, jewelry, or other luxury goods, and this system is designed to cater to the unique needs of such stores.

System Components

1. Boutique

2. Designer

3. Staff

4. Customers

5. Stock

6. Sales

System Benefits

The Boutique Management System offers numerous benefits, including:

- Easy management of products, customers, and staff
- Efficient inventory management
- Simplified sales tracking and reporting
- Improved customer experience
- Unique and affordable products
- User-friendly interface

Conclusion

The proposed Boutique Management System is an essential tool for boutique owners and customers, providing a streamlined and efficient way to manage boutique operations. With its unique features and benefits, this system is ideal for boutique stores looking to enhance their customer experience and improve their overall management.

ENTITY RELATIONSHIP DIAGRAM:

RELATIONAL SCHEMA:

designer
designer_id
designer_name
designer_address
designer_ph
designer_email
owner_id   (FK)

boutique
owner_id
boutique_id
boutique_name
boutique_place

staff
staff_id
staff_address
staff_name
staff_email
owner_id   (FK)

staff_ph
staff_ph
staff_id   (FK)

inventory
inventory_id
inventory_number
inventory_type
inventory_items
owner_id   (FK)
product_id   (FK)

customer
customer_id
customer_name
customer_email
customer_ph
customer_address

customer_staff
sr.no
customer_id   (FK)
staff_id   (FK)

staff_sales
ss_no
sales_id   (FK)
staff_id   (FK)

products
product_id
product_name
product_items
product_number

customer_product
sp_no.
customer_id   (FK)
product_id   (FK)

sales
sales_id
sales_amount
sales_customer
sales_type

stocks
stock_id
amount
quantity
stock_type
sales_id   (FK)

Diagram

sales
- 🔑 sales_id INT
- ◇ sales_customer INT
- ◇ sales_amount INT
- ◇ sales_type VARCHAR(9)
- ◇ customer_id INT
- Indexes

designer
- 🔑 designer_id INT
- ◇ designer_name VARCHAR(15)
- ◇ designer_address VARCHAR(50)
- ◇ designer_ph VARCHAR(15)
- ◇ designer_email VARCHAR(30)
- ◇ boutique_id INT
- Indexes

product
- 🔑 product_id INT
- ◇ product_items INT
- ◇ product_number INT
- ◇ product_name VARCHAR(15)
- ◇ designer_id INT
- ◇ boutique_id INT
- ◇ sales_id INT
- Indexes

customer
- 🔑 customer_id INT
- ◇ customer_name VARCHAR(15)
- ◇ customer_phone VARCHAR(15)
- ◇ customer_email VARCHAR(30)
- ◇ customer_address VARCHAR(50)
- Indexes

inventory
- 🔑 inventory_id INT
- ◇ inventory_items INT
- ◇ inventory_number INT
- ◇ inventory_type VARCHAR(20)
- ◇ boutique_id INT
- Indexes

boutique
- ◇ owner_id INT
- ◇ boutique_name VARCHAR(19)
- 🔑 boutique_id INT
- ◇ boutique_place VARCHAR(15)
- Indexes

staff
- 🔑 staff_id INT
- ◇ staff_name VARCHAR(15)
- ◇ staff_email VARCHAR(30)
- ◇ staff_address VARCHAR(50)
- ◇ staff_ph VARCHAR(15)
- ◇ boutique_id INT
- Indexes

stock
- 🔑 stock_id INT
- ◇ amount INT
- ◇ quantity INT
- ◇ stock_type VARCHAR(15)
- ◇ inventory_id INT
- Indexes

1:1
1:n
1:1
1:n
n:m
1:n