Product_Store
Column	Type	
product_store_id 🔑	INT	NN
product_id	INT	NN
store_id	INT	NN
stock_quantity	INT	NN
discount	INT	NN

Store
Column	Type	
store_id 🔑	INT	NN
store_name	VARCHAR(255)	NN
store_owner_id	INT	NN
contact_info	VARCHAR(255)	NN
description	VARCHAR(255)	NN
store_type_id	INT	NN
creation_date	TIMESTAMP	NN
rating	INT	NN
address	VARCHAR(255)	NN

Store_Type
Column	Type	
store_type_id 🔑	INT	NN
description	VARCHAR(255)	NN

Seller
Column	Type	
seller_id 🔑	INT	NN
user_id	INT	NN
store_name	VARCHAR(255)	NN
store_description	VARCHAR(255)	NN
contact_info	VARCHAR(255)	NN
address	VARCHAR(255)	NN

Order_Item
Column	Type	
order_item_id 🔑	INT	NN
order_id	INT	NN
product_id	INT	NN
quantity	INT	NN
unit_price	FLOAT	NN
total_price	FLOAT	NN

Order
Column	Type	
order_id 🔑	INT	NN
user_id	INT	NN
order_date	TIMESTAMP	NN
total_price	FLOAT	NN
payment_method_id	INT	NN

Payment_Method
Column	Type	
payment_method_id 🔑	INT	NN
description	VARCHAR(255)	NN

Rating
Column	Type	
rating_id 🔑	INT	NN
user_id	INT	NN
product_id	INT	NN
store_id	INT	NN
rating_value	INT	NN
reviews	VARCHAR(255)	NN

User
Column	Type	
user_id 🔑	INT	NN
username	VARCHAR(255)	NN
email	VARCHAR(255)	NN
password	VARCHAR(255)	NN
role	User_role_enum E	NN

Product
Column	Type	
product_id 🔑	INT	NN
product_name	VARCHAR(255)	NN
product_description	VARCHAR(255)	NN
price	FLOAT	NN

Product_Category
Column	Type	
product_category_id 🔑	INT	NN
product_id	INT	NN
category_id	INT	NN

Category
Column	Type	
category_id 🔑	INT	NN
category_name	VARCHAR(255)	NN

Wishlist
Column	Type	
wishlist_id 🔑	INT	NN
customer_id	INT	NN
product_id	INT	NN

Customer
Column	Type	
customer_id 🔑	INT	NN
user_id	INT	NN
customer_name	VARCHAR(255)	NN
customer_description	VARCHAR(255)	NN
contact_info	VARCHAR(255)	NN
address	VARCHAR(255)	NN

Cart
Column	Type	
cart_id 🔑	INT	NN
customer_id	INT	NN
product_id	INT	NN
quantity	INT	NN

Product_Promotion
Column	Type	
product_promotion_id 🔑	INT	NN
product_id	INT	NN
promotion_id	INT	NN

Promotion
Column	Type	
promotion_id 🔑	INT	NN
promotion_name	VARCHAR(255)	NN
description	VARCHAR(255)	NN
start_date	TIMESTAMP	NN
end_date	TIMESTAMP	NN
discount_percentage	FLOAT	NN

Card
Column	Type	
card_id 🔑	INT	NN
user_id	INT	NN
card_number	VARCHAR(255)	NN
expiry_date	DATE	NN
cvv	INT	NN

Employee
Column	Type	
employee_id 🔑	INT	NN
first_name	VARCHAR(255)	NN
last_name	VARCHAR(255)	NN
email	VARCHAR(255)	NN
position	VARCHAR(255)	NN
hire_date	DATE	NN

Survey
Column	Type	
survey_id 🔑	INT	NN
survey_name	VARCHAR(255)	NN
survey_questions	TEXT	NN
survey_responses	TEXT	NN

Event
Column	Type	
event_id 🔑	INT	NN
event_name	VARCHAR(255)	NN
start_date	DATETIME	NN
end_date	DATETIME	NN

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Product_Store

product_store_id 🔗	INT	NN
product_id	INT	NN
store_id	INT	NN
stock_quantity	INT	NN
discount	INT	NN

Store

store_id 🔗	INT	NN
store_name	VARCHAR(255)	NN
store_owner_id	INT	NN
contact_info	VARCHAR(255)	NN
description	VARCHAR(255)	NN
store_type_id	INT	NN
creation_date	TIMESTAMP	NN
rating	INT	NN
address	VARCHAR(255)	NN

Store_Type

| store_type_id 🔗 | INT | NN |
| description | VARCHAR(255) | NN |

Seller

seller_id 🔗	INT	NN
user_id	INT	NN
store_name	VARCHAR(255)	NN
store_description	VARCHAR(255)	NN
contact_info	VARCHAR(255)	NN
address	VARCHAR(255)	NN

Order_Item

order_item_id 🔗	INT	NN
order_id	INT	NN
product_id	INT	NN
quantity	INT	NN
unit_price	FLOAT	NN
total_price	FLOAT	NN

Order

order_id 🔗	INT	NN
user_id	INT	NN
order_date	TIMESTAMP	NN
total_price	FLOAT	NN
payment_method_id	INT	NN

Payment_Method

| payment_method_id 🔗 | INT | NN |
| description | VARCHAR(255) | NN |

Rating

rating_id 🔗	INT	NN
user_id	INT	NN
product_id	INT	NN
store_id	INT	NN
rating_value	INT	NN
reviews	VARCHAR(255)	NN

User

user_id 🔗	INT	NN
username	VARCHAR(255)	NN
email	VARCHAR(255)	NN
password	VARCHAR(255)	NN
role	User_role_enum E	NN

Product

product_id 🔗	INT	NN
product_name	VARCHAR(255)	NN
product_description	VARCHAR(255)	NN
price	FLOAT	NN

Product_Category

product_category_id 🔗	INT	NN
product_id	INT	NN
category_id	INT	NN

Category

| category_id 🔗 | INT | NN |
| category_name | VARCHAR(255) | NN |

Customer

customer_id 🔗	INT	NN
user_id	INT	NN
customer_name	VARCHAR(255)	NN
customer_description	VARCHAR(255)	NN
contact_info	VARCHAR(255)	NN
address	VARCHAR(255)	NN

Wishlist

wishlist_id 🔗	INT	NN
customer_id	INT	NN
product_id	INT	NN

Cart

cart_id 🔗	INT	NN
customer_id	INT	NN
product_id	INT	NN
quantity	INT	NN

Product_Promotion

product_promotion_id 🔗	INT	NN
product_id	INT	NN
promotion_id	INT	NN

Promotion

promotion_id 🔗	INT	NN
promotion_name	VARCHAR(255)	NN
description	VARCHAR(255)	NN
start_date	TIMESTAMP	NN
end_date	TIMESTAMP	NN
discount_percentage	FLOAT	NN

Card

card_id 🔗	INT	NN
user_id	INT	NN
card_number	VARCHAR(255)	NN
expiry_date	DATE	NN
cvv	INT	NN

Employee

employee_id 🔗	INT	NN
first_name	VARCHAR(255)	NN
last_name	VARCHAR(255)	NN
email	VARCHAR(255)	NN
position	VARCHAR(255)	NN
hire_date	DATE	NN

Survey

survey_id 🔗	INT	NN
survey_name	VARCHAR(255)	NN
survey_questions	TEXT	NN
survey_responses	TEXT	NN

Event

event_id 🔗	INT	NN
event_name	VARCHAR(255)	NN
start_date	DATETIME	NN
end_date	DATETIME	NN

```
Enum User_role_enum {
    admin
    seller
    customer
}
```