TASK:-1 CHOOSE YOUR MARKETPLACE

CHOICE:- General E-Commerce

Primary Purpose:- The Primary Purpose of **SHOP.CO** is to provide seamless and user-friendly e-commerce platform focused on selling high Quality clothing products. It aims to offer customer an intuitive shopping experience, complete with secure authentication, detailed product information, multiple product Images, Customer reviews, & easy order management. **SHOP.CO** ensures reliable payment Processing and efficient shipping solutions to deliver satisfaction and convinience to its users.

Product Variety:-

1. **Men's Wear:-**
   ► SHIRTS, TROUSERS, JACKETS, SUITS, ACTIVE WEAR

2. **Womens Wear:-**
   ► Dresses, Tops, Skirts, Ethenic wear, Active wear Kids, Pants, Dresses, Baby Clothing, School Uniforms.

3. **Accessories:-**
   ► Caps, Belts, Scarves, Socks, Hand Bags.

4. **Footwear:-**
   ► Casual Shoes, Formal Shoes, Sports Shoes, Sandals.

WINTER COLLECTION (Coats, Sweaters)
SUMMER COLLECTION (light fabrics, shorts)

TASK:2 : Define Your Goals.

Q.9:- What Probelem does you marketplace aim to solve?

Ans:- **SHOP.CO** aims to solve the challenges faced by customers in finding high-quality, fasionable clothing at affordable prices in a single reliable platform. The marketplace bridges the gap between convenience and variety by offering:

- A diverse range of clothing options for men women & kids.
- Detailed Product information with multiple images and customer reviews to aid decision making.
- An efficient Shopping experience with secure payments and dependable shipping.

By addressing these issues, **SHOP.CO** ensures customer save time, ~~make~~ make informed choices & enjoy a hassle-free shopping experience.

Qb:- Who is your targeted Audience?

Ans:- 1. Men, Women & kids:- Individuals of all ages looking for high-quality, stylish & affordable clothing options.

2. Fasion Enthusiast:- People who enjoy exploring trends and want access to diverse collections for every season & Occasion

3. Busy Shoppers:- Customers seeking a convenient, reliable & time saving an experience with secure payments & dependable delivery

4. Budget-Conscious Buyers:- Those who prioritize affordability without compromising on style or quality.

5. Online Shoppers:- Tech-savy individuals who prefer shopping from the comfort of their homes and value detailed Product description reviews & ease of navigation.

These groups ensure a broad audience while catering to specific needs in the clothing market.

Qc:- What Products & Services You will offer?

Ans:- PRODUCTS:-
1. Clothing for man, women & kids:
2. FooTwear.
3. Accessories.
4. Seasonal Collections.

SERVICES:-
1. User-Friendly Shopping Experience:

2. Customer Reviews & Ratings
3. Secure Payment Options
4. Reliable Shipping & tracking
5. Customer support

Q d. What Sets my markelplace apart from others?

Ans.1. Customization Options:.

Customers can customize the color or design of their clothes. This will increase customer satisfaction & provide a unique experience.

2. Niche Focus:-

Focus on specific clothing categories like traditional Pakistani wear or affordable luxury items. This will attract a unique & specific audience looking for unique clothes

3. Fast Delivery Options.-

Deliver orders within 1-2 days & offer pick-up points. This will build customer trust & increase the chance of repeat orders.

4. Discounts & Offers:-

Offers flat discounts, bundle offers & rewards for the first time buyers. This will attract budget-conscious customers & boost sales.
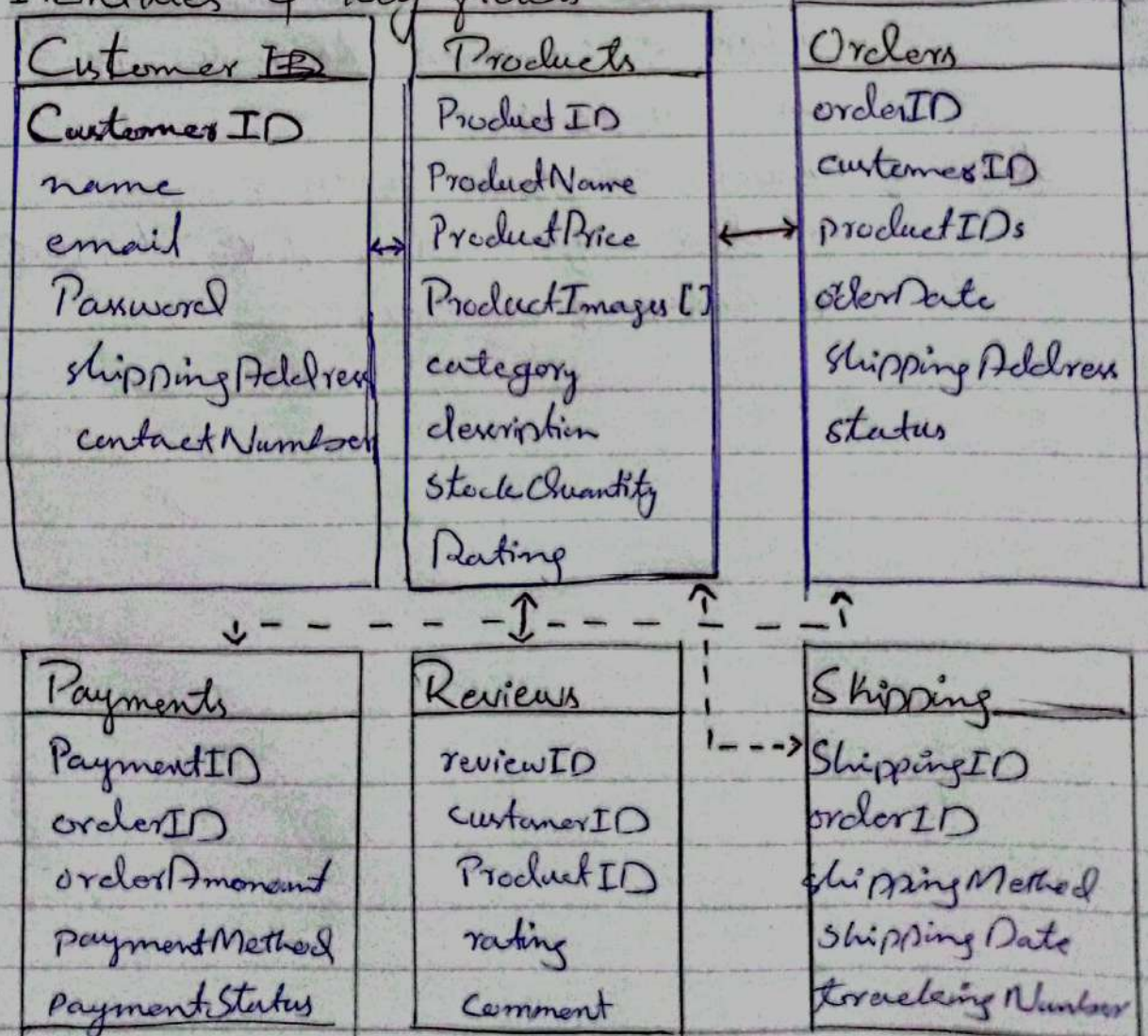
5. Local Touch :

Feature traditional Pakistani clothes or design with local embroidery. This will support both regional customers & local artists.

And many other services like "Simple Filters & Sorting", "Order Tracking", "Best Sellers" & Seasonal Collections" that will help our Customers with easier & faster shopping and stay updated on their order status.

STEP: 3 CREATE A DATA SCHEMA

1. Entities & key fields

Customer ID	Products	Orders
Customer ID	Product ID	orderID
name	ProductName	customerID
email	ProductPrice	productIDs
Password	ProductImages []	orderDate
shippingAddress	category	shippingAddress
contactNumber	description	status
	StockQuantity	
	Rating	

Payments	Reviews	Shipping
PaymentID	reviewID	ShippingID
orderID	customerID	orderID
orderAmount	ProductID	shippingMethod
paymentMethod	rating	shippingDate
PaymentStatus	Comment	trackingNumber

Entities & Keyfields Explained

Customers:- Stores customer details like customerID name email & their shipping address.

Product:- contains details about products such as ProductID, name, Price, and an array of ProductImages[ ].

Orders:- links to customers entity through customer ID and stores order details like shipping Address or order date

Payments:- Associates with orders & ~~stores~~ stores details about the payment method, status & the amount.
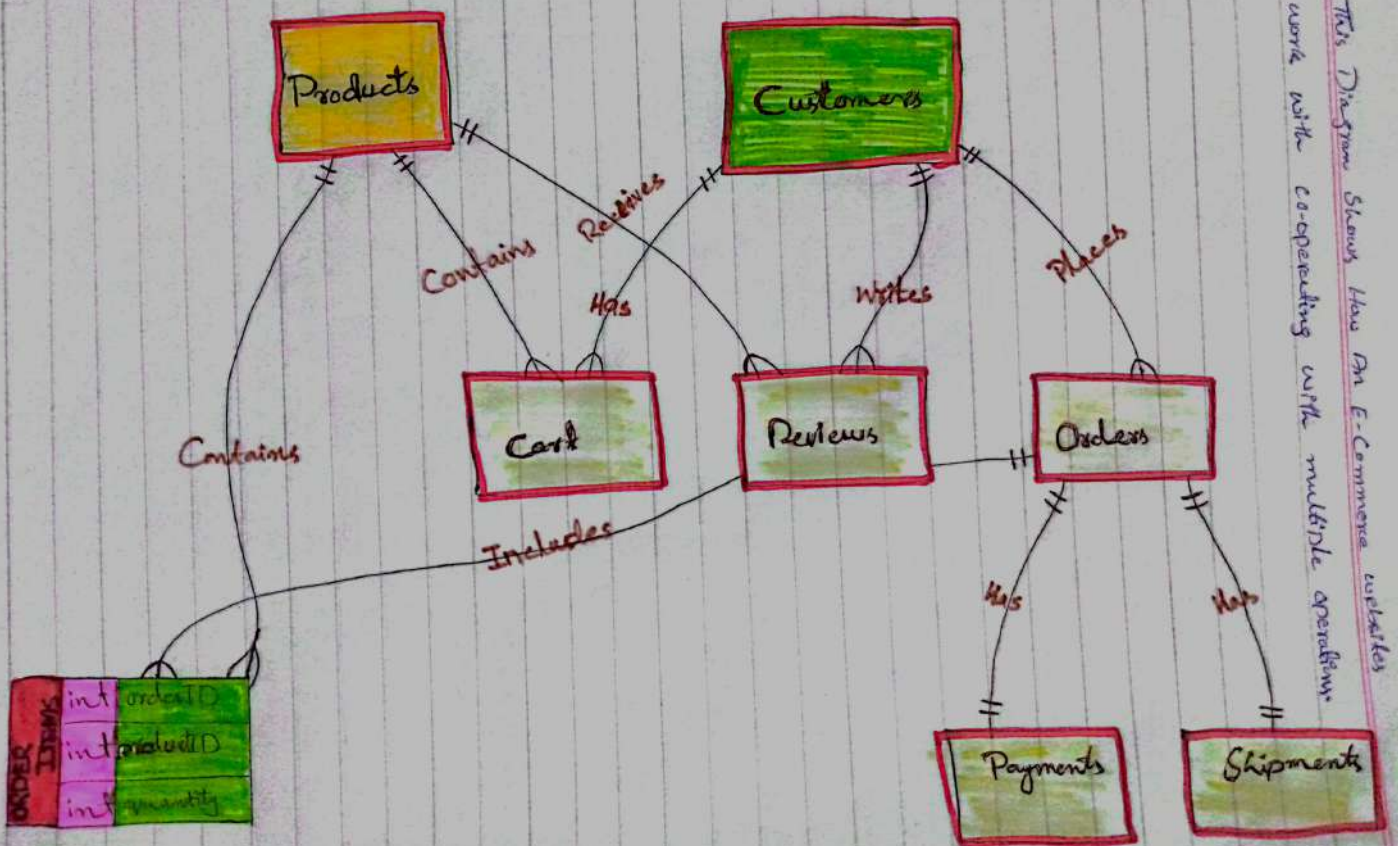
Reviews:- Tied to both customers and Products, allowing customers to rate & leave comments on products.

Shipping Associated with Orders & includes shipping related information like shipping method & tracking number.

RELATIONSHIP B/W ENTITIES

Products

Customers

Contains

Relatives

Has

Writes

Places

Cart

Reviews

Orders

Contains

Includes

Has

Has

ORDER ITEMS
| int orderID |
| int includeID |
| int quantity |

Payments

Shipments

Relationship b/w Entities Diagram Explained

Let me explain this e-commerce schema design in simple terms-

This diagram show how different parts of an online store works together

Customer side • One customer can make many orders.
- Each customer has their own shopping cart
- Customers can write reviews for Products they bought.

Product Sides • Products can be in many orders
Products can be added to shopping carts
Products can recieve multiple reviews from Customers

Order Side- When an order is placed it needs
Payment information (how they paid)
Shipping details (where to deliver)
List of products they bought

Think of it like a real Store-
You (the customer) come to shop
You pick items (Products) & put them in your carts
When you checkout it creates an order
You pay for it
The store ships it to you
later you might write a reviews about what you bought

Each line in diagram shows how the pieces connect- just like in a real shopping experience!