

Date _____

Hackathon 3

General E-Commerce.

Day One

Primary Purpose:

The Purpose of General E-Commerce is to buy and sell all kinds of products through an Online Platform. This includes clothing, electronics, groceries, and everyday essentials. It serves as a vast marketplace where customers can easily order items they need.

This system is convenient and easy for both sellers and buyers, and people worldwide use such platforms for business and shopping purposes.

4) Inventory:

Example:

The clothes available in the store are part of the inventory.

5) Revenue:

Example:

The monthly revenue of your store comes from its Sales.

Business Goals:

Our marketplace will be a convenient and trusted shopping destination where customers can easily purchase products like electronics, fashion, groceries, and daily essentials at affordable prices. This platform will offer a convenient online shopping option for busy individuals, allowing them to order their necessary items from the comfort of their homes. Additionally, you will provide customers with a reliable, authentic, and secure shopping experience.

Example:-

Amazon, Daraz, Flipkart.

Key Business Jargon (Important Terms)

1) B2B (Business-to-Business)

Example:-

A wholesaler sells products to a retailer.

2) B2C (Business-to-Consumer)

Example:-

On Amazon, you sell products directly to customers.

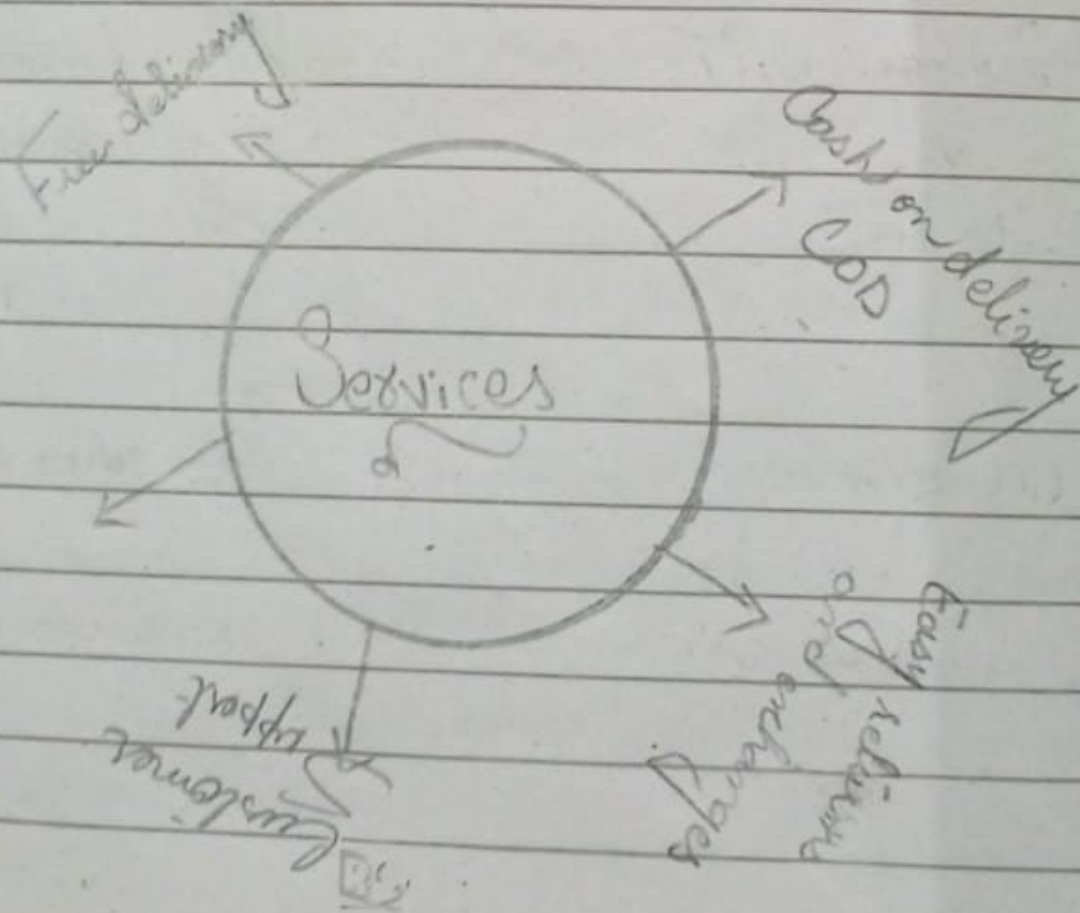
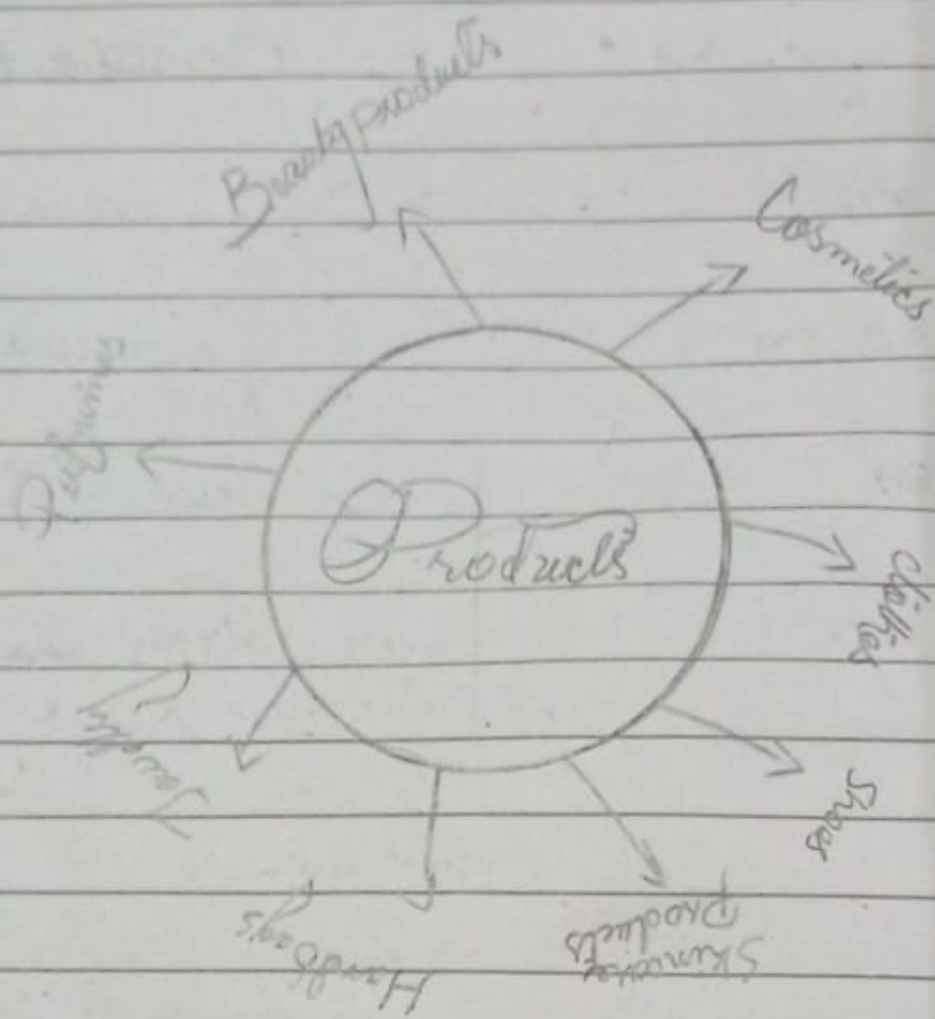
3) Logistics:

Example:-

Delivery services and warehouse management come under logistics.

Products:

Date: _____



protecting them from fake products and payment issues, which will help build trust and make your marketplace a trusted platform.

Target Audience:

The marketplace will target a worldwide audience, initially focusing on cities beyond Karachi as well.

The goal is to make products available at a local and national level across all cities, and later offer international delivery options to reach a global audience. The platform will provide worldwide shipping, allowing customers from any country to easily order the products they need.

Order

Order ID	A unique identifier for each order.
Customer ID	The ID of the customer who placed the order.
Product List	The list of product customer has ordered.
Total Prices	The total price of the order.
Order date/ Order status/ Payment status.	

Customer.

Customer ID	A unique identifier for each customer.
Name	Name of the customer.
Email	Address of the customer.
Phone number	The phone number of the customer.
Shipping address	The address where products are to be delivered.
Registered Date.	

Schema:

Products:

Date

Product ID

A Unique identifier for each Product

Name

The name of the Product.

Description

A detailed description of the product.

Price

The price of the product

Category

The category the product belongs to (e.g., electronics, beauty, Fashion).

Stock Quantity

The number of units available for sale.

Image URL

The link to the image of the product.

Status

Indicates whether the product is "available" (Out of stock etc).

Created At

The date when the product was added to the marketplace.

Updated At

The date when the product details were last updated.

Delivery Zones

Zone ID	A unique identifier for each delivery zone
Zone Name	Name of zone
Coverage Area	
Delivery Time	

Shipments

Payment

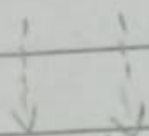
Shipment ID	Payment ID
Order ID	Order ID
Shipment Status	Payment Amount
Delivery Date	Payment method
Shipping Provider	Payment Status
Tracking Number	

Relations

Date _____

[Product]

- ID
- Name
- Price
- Stock



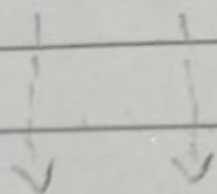
[Order]

- order ID
- Product ID
- Quantity



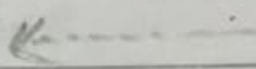
[Customer]

- Customer ID
- Name
- Contact Info



[Shipmail]

- Shipmail ID
- Order ID
- Status



[Delivery Zone]

- Zone name
- Coverage Area
- Assigned Driver