

DATE: 15-01-2025

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HACKATHON DAY 01

Establishing Business Goals for a Fashion E-commerce Clothing Store

- Marketplace Type: General E-commerce

- Purpose of Marketplace:

If i talk about the Primary purpose of this marketplace is to provide a Convenient and Seamless Shopping experience for Customers, allowing them to Shop for Clothing easily from the Comfort of their homes.

This e-commerce platform offers a wide range of Clothing for boy, girl, men, women & Children all at highly affordable prices, ensuring accessibility to quality fashion for everyone.

- Business Goals:

Our e-commerce marketplace aims to Solve the Challenge of finding trendy & affordable clothing Online. Customers often Struggle to find high-quality fashion option that fit their preferences

and budgets and our e-commerce is to enable people to purchase clothing at affordable prices and also our goals is to ensure that no clothing remains out of reach for our customers and to offers a wide variety of apparel, including the latest Arrivals. We aim to provide all types of designs and high quality clothings, covering casual, Formals, T-Shirts, jeans, tracksuits and ethnic wear such as and more. Our Vision is to establish a name for our SHOP, turning it into a recognized brand that customers love & trust.

Data Schema for e-commerce clothing Store

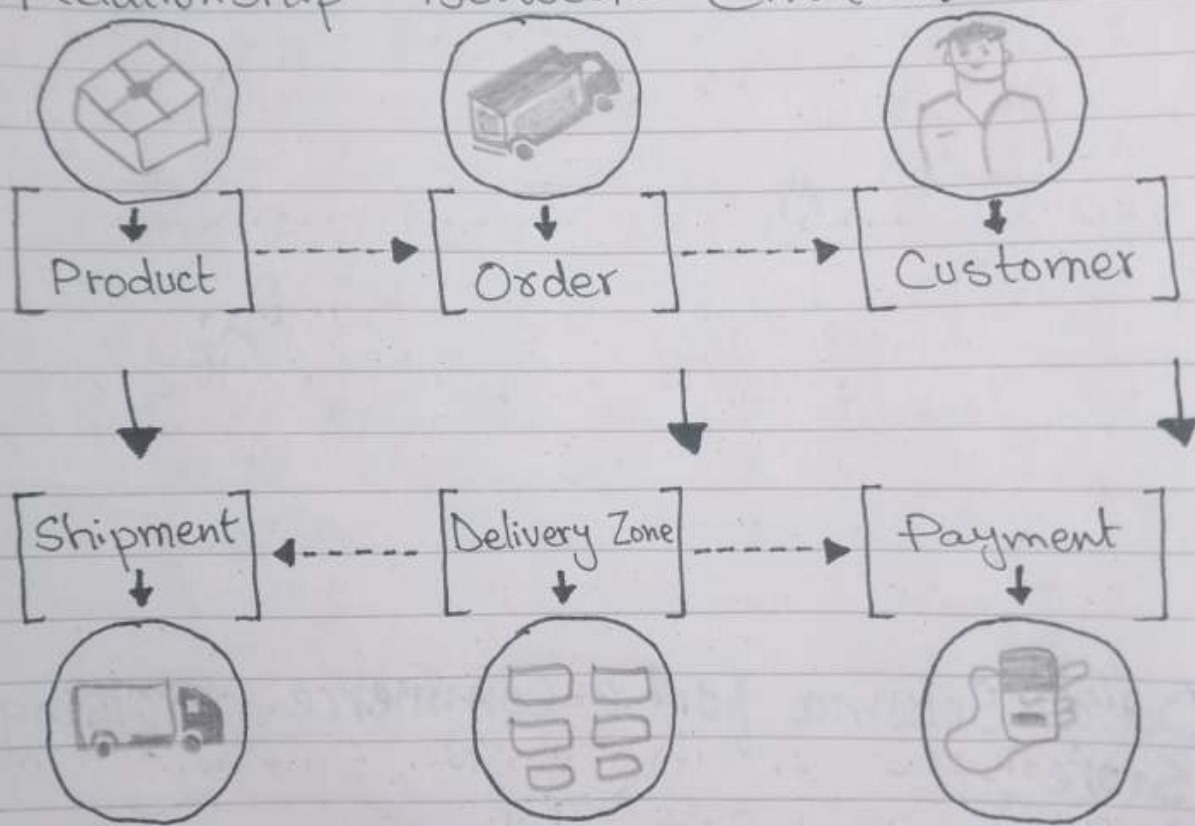
- Identify the Entities in Marketplace:
 - Product: clothing items that we are selling
 - Orders: The Order placed by customers who purchase products.
 - Customers: Individuals who shop from our store.

Payments: Payments - related details.

Shipments: Tracks the delivery process.

Delivery Zones: The areas where our products can be delivered.

• Relationship between Entities:



• Key Fields for Each Entity:

Products:

ID: A unique identifier for each product.

NAME: The name of the Product.

PRICE: The Price of the Product.

STOCK: Available Quantity of the Product.

SIZE: The Size of the Product.

CATEGORY: The Category of the Product

COLOR: The Color of the Product.

Order:

ORDER ID: A Unique identifier for each Order.

CUSTOMER INFO: The Customer's name, Contact information & address.

PRODUCT DETAILS: Ordered Products, quantity & price.

STATUS: The Status of the Order.

TIMESTAMP: The date & time of the Order

Customers:

CUSTOMER ID: A Unique identifier for each Customer.

NAME: The Full Name of the Customer.

CONTACT INFO: The Customer Phone number & email address.

ADDRESS: The delivery address of the Customer.

ORDER HISTORY: The Customer's past Orders.

Payments:

PAYMENTS ID: Unique identifier for payments.

ORDER ID: Linked to the order.

AMOUNT: Total payment amount.

PAYMENT STATUS: payment status
(paid, pending, failed)

Shipments:

SHIPMENT ID: Unique Identifier for tracking Shipment.

ORDER ID: Linked Order.

STATUS: Current Status.

DELIVERY DATE: Expected delivery date.

Delivery Zones:

ZONE NAME: Delivery Zone name.

COVERAGE AREA: Areas Covered.

ASSIGNED DRIVERS: Drivers details responsible for delivery.