LAYING THE FOUNDATION OF MY MARKETPLACE JOURNEY

Hackathon # 3

Task For Day 01:

Step # 01 :- Marketplace Type:

- My Marketplace Type is General E-Commerce.

- Primary Purpose: The primary purpose of my online bussiness of furniture is To selling affordable furniture, such as Sofas, Dining tables, chairs etc., or to provide The main purpose is to provide customers with a convenient online platform to purchase high-quality, stylish, and functional furniture at affordable prices.

Step # 02: Bussiness Goals:

* What problem does your Marketplace Aim to solve?

- Convenience & Accessibility: My marketplace allows customers to easily Browse, compare and purchase affordable furniture by one click and save their precious time and effort compared to visiting multiple physical

shops.

- **Affordability & Quality Options:** We offers a wide range of stylish, modern and functional space-saving furniture at budget-friendly prices, providing customers with good value for money without compromising on quality.

* **Who is your target audience?**

- **Budget-Conscious Shoppers:** Families who are looking for quality furniture within a budget.

- **Urban dwellers & Renters:** People in cities or temporary living spaces needing compact, affordable and space-saving furniture to easy move.

- **Office Workers and Small Bussinesses:** Proffessionals and bussiness owners looking for functional and modern style furniture for offices or workspaces.

- **Time-Starved Individuals:** People with busy schedules who lack the time to visit physical stores and prefer the convenience of shopping online.

* **What products or services will you offer?**

Products :-

- **Sofas & Couches:** A variety of styles, sizes and materials in sectional, sleeper, curved sofas and couches.

- **Dining tables and chairs:** Different sizes and designs, from compact to larger sets, catering to various room sizes and aesthetics.

- **Stools & Mirrors:**
  A variety of stools including Bar stools, counter stools, storage stools, Ottoman stools and wooden stools to fullfill customers demand. Mirrors of every size and customized designs assigned by customers. Includes Wall mirrors, Vanity mirrors, Round Mirrors and decorative mirrors.

* **What will set your marketplace apart?**

- **Customization:** Offer tailored furniture options in color, size and material.

- **Sustainability:** Features eco-friendly, sustainable furniture options.

- **Low Price :** Guarantee the low price from market.

- **Fast Delivery :** Offers quick , flexible delivery options.

- **White - Glove Service :** Provides premium in home - delivery and assembly.

- **Exclusive Designs :** Features unique , exclusive collections.

STEP # 03 : DATA SCHEMA

* Identify the Entities in your Marketplace.

  Products , Orders , Payments , Shipping, Delivery Services , Customer.

* Draw relationships between Entities.

- This example shows that Products are linked with Orders, Orders associated with customers , Customers will be responsible for payment. Shipment and Delivery zones integrated to track logistics.

PRODUCT

Product Id
Name
Description
Price
Stock Quantity
Category
Size

⇩

ORDER	→	CUSTOMER	→	PAYMENT
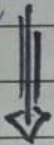
ORDER
Order Id
Customer Id
Order Date
Total Amount
Shipping Adress.
Items.

⇩

CUSTOMER
Customer Id
Name
Email
Phone Number
Billing Address
Shipping Address
Order History

PAYMENT
Payment Id
Order Id
Payment Method
Payment Status
Amount
Date

SHIPMENT → Delivery SERVICE

SHIPMENT
Shipping Id
Order Id
Shipping Method
Shipping Cost
Shipping Date
Tracking Number.

Delivery Service
Delivery Service Name
Assigned Driver
Drivers Contact Info
Delivery Zone
Delivery Address.

* Focus on key points of fields for each entity.

- **<u>Products</u>:**

Product Id: Unique identifier for the product.

Name: Name of the product

Description: A description of the product.

Price: Price of the product.

Stock Quantity: Number of items available.

Category: Category of the product e.g Sofas, couches, mirrors, etc.

Size: Size of the product.

- **<u>Order</u>:**

Order Id: Unique Id to identify each order.

Customer Id: Unique Id of customer who places order.

Order Date: Date when the order was placed.

Total Amount: Total cost of the order including taxes and shipping charges.

Shipping Address: Address where the order is being shipped.

Items: List of ordered items containing product Id, quantity, price.

- ## <u>Customer:</u>

Customer Id: Unique Id for every customer.

Name: Name of the customer.

Email: Customer's Email address.

Phone Number: Customer's phone number.

Billing Address: Default billing Address.

Shipping Address: Address where the order is being shipped.

Order History: List of orders and their history placed by the customer.

- ## Shipment :

Shipping Id: Unique Id to identify the shipping record.

Order Id: Link to the order placed.

Shipping Method : The shipping method used (e.g standard, expedited).

Shipping Cost: The cost of shipping.

Shipping Date: Date when the order was shipped.

Tracking Number: Tracking number for the shipment.

Shipping Address: Address where the product is shipped.

- ## Delivery Service:

Service Name: Name of the delivery company (e.g TCS, Leapords, Fed Ex).

Assigned Driver: Details of drivers who delivers order.

Drivers Contact Info: Contact number of delivery boy.

Delivery Zone: Name of the delivery zone.

Delivery Address: Address where order is delivered.

- ## Payment:

Payment Id: Unique Id for payment.

Order Id: Link to the order being paid for.

Payment Method: Payment method used (e.g, credit card, PayPal, Bank transfer.).

Payment Status: Status of the payment (e.g, Completed, Pending, failed).

Amount: Total Amount of payment.

Date: Date of payment.