# DAY 01

# Hackathon03

## STEP # 01 & 02

O     General E-commerce market place Project

O     Purpose:

The primary purpose is to provide a platform where multiple can list and sell their products to consumer.

These platforms offers wide range of products across various categories, allowing buyers to compare, purchase, and have items delivered without the need to visit individual stores

The market place operator typically facilitates transactions, manages consumers services, and may offer additional features like payment, processing, product listings, and market tools Examples include, Amazon, Alibaba, Daraz.

○ BUISNESS GOALS

- Problems does my marketplace aim to solve:

Connect buyers with wide range of products from various sellers, making it easier to find what they need in one place.

Simplifies the buying and selling proces with secure payments order tracking and customer support.

- Target Audience:

Individuals seeking a variety of products from different sellers in one convenient location.

Entrepreneurs and small buisnesses looking to reach a larger customer base.

- Product or Services we offer:

A wide range of physical goods across various catagories (e.g. electronics, clothing, home goods, etc.) from multiple sellers.

Secure payment processing, order fulfillment, customer support and delivery logistics.

O  Market place apart

Speed.
Affordability.
Quality Assurance.
Customer support.
Convenience

Step # 03

O  DATA SCHEMA

1-  [Product]

→ID
→Name
→Description
→Price
→Image
→Stock

2-  [Order]

→ ID
→ Product ID
→ Quantity
→ Payment method

3-  [Customer]

→Customer ID
→Name
→Address
→E-mail
→Contact no

4-  [Delivery zone]

→Delievery charge
→Name
→E-mail
→Contact no
→Address

Product

Delievery zone

Order

Shipment

Customes

**products**

| | |
|---|---|
| PK | id |
| | sku |
| | name |
| | price |
| | weight |
| | descriptions |
| | thumbnail |
| | image |
| | category |
| | create_date |
| | stock |

**product_options**

| | |
|---|---|
| PK | id |
| | option_id |
| | product_id |

**options**

| | |
|---|---|
| PK | id |
| | option_name |

**product_categories**

| | |
|---|---|
| PK | id |
| | product_id |
| | category_id |

**categories**

| | |
|---|---|
| PK | id |
| | name |
| | description |
| | thumbnail |

**order_details**

| | |
|---|---|
| PK | id |
| | order_id |
| | product_id |
| | price |
| | sku |
| | quantity |

**orders**

| | |
|---|---|
| PK | id |
| | customer_id |
| | ammount |
| | shipping_address |
| | order_address |
| | order_email |
| | order_date |
| | order_status |

**customers**

| | |
|---|---|
| PK | id |
| | email |
| | password |
| | full_name |
| | billing_address |
| | default_shipping_address |
| | country |
| | phone |