

# DAY 1

## STEP 1:

- Choice: Q-Commerce Marketplace
- Primary Purpose: To provide rapid delivery of essential items such as groceries, medicine, and snacks within a short timeframe, typically under 60 minutes.

## STEP 2:

Following are the problems my market place will solve:

Problem: Customers often face challenges in getting essential items like groceries and medicine delivered quickly.

Solution: Offer a Q-Commerce platform ensuring rapid delivery of essential goods within 30 to 60 minutes.

Following will be the target audience:

- Busy Professionals in Urban Areas.
- Families or Individual needing last-minute grocery or medicine delivery
- Elderly or mobility restricted people

I'll offer following products:

- Groceries (fresh produce, packed goods)
- Medicines and over-the-counter medicine
- Snacks & Beverages

Following features sets my Marketplace apart from others:

- Speed: Guaranteed delivery within 30-60 min
- Affordability: Competitive pricing with no hidden charges/fees.
- Customer Engagement: Live order tracking and notifications.

STEP 3:

Following will be the entities in my Marketplace

1) Products:

Attributes: ID, Name, Price, Stock, Category, Tags.

2) Orders:

Attributes: Order ID, Customer Info, Product details, Status, Timestamp



### 3) Customers:

Attributes: Customer ID, Name, Contact Info, Address, Order History.

### 4) Delivery Zones:

Attributes: Zone Name, Coverage Area, Assigned Rider

### 5) Shipments:

Attributes: Shipment ID, Order ID, Status, Delivery Date

Following is the Relationship b/w Entities:

- Products are linked to Orders through Product ID
- Orders are associated with customers through Customer ID
- Delivery Zones and Shipments are linked via Zone Names and Shipment ID

# DATA SCHEMA

## [Product]

(-ID -Name - Price - Stock - Category - Tags)

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|

[Order] -----> [Customer]

- Order ID

- Product ID

- Quantity

- Status

- Timestamp

|

|

- Customer ID

- Name

- Contact Info

- Address

- Order History

[Shipment] <----- [Delivery Zone]

- Shipment ID

- Order ID

- Status

- Delivery Date

- Zone Name

- Coverage Area

- Assigned Rider