Hackhathon #3

Day 1

*) step # 1

Type

- It is a Q-commerce website

Key features

*) streamedline Inventory
- High demand essentials items delivered typically within an hour.

*) Rapid delivery

*) localized operation
- delivery confined to small geographical areas.

*) optimized logistics.
- smart algorithms for efficient routing

Business goals

step # 2

> Aim to solve problem

*) Addressing the need for
rapid delivery of daily
essentials.
) Catering to urgent requirement
such as forgotten items or
emergencies.
-) providing a hassale-free
way for users to avoid
traffic and long queues.

target Audiance

1) - Urban resident, especially working professionals and families who value convenience.

2) Elderly individuals or those with mobility issues who rely on quick access to essential items.

3) Busy individuals managing tight schedules and preferring delivery over in-store shopping.

Service

- High demand products.
- Groceries (fruit, vegetable, etc.)
- pharmaceuticals (medicine and health essentials)
- Snacks and beverage.

My Marketplace apart?

- Faster delivery times than traditional e-commerce platforms.

- Real-time tracking and updates for customer convenience.

- Affordable pricing and delivery fees.

Data Schema

Step # 3

- **User**
  - => User ID
  - => Name
  - => ContactInfo (phone, email)
  - => Delivery Address
  - => Order History

- **products**
  - => product ID
  - => Name
  - => price
  - => Stock
  - => Category
  - => Tags

- **Orders** => OrderID
  - => User ID
  - => Order Status
  - => Date
  - => Total amount

• Order Items
- Order item ID
- Order ID
- Product ID
- Quantity
- Subtotal

• Delivery Zones
- Zone ID
- Zone Name
- Coverage Area

• Shipment
- Shipment ID
- Order ID
- Drive ID
- Delivery status

• Drivers
- Driver ID
- Name
- Assigned Zone

users

GGGID
...
...
...
...

1 to # →

orders

Order ID
User ID
Order Status
Order date
Total amount

1 to many →

order items

Order item ID
Order ID
product ID
Quantity
Sub total

1 to 1 →

Products

Product ID
Name
Price
Stock
Category
type

many to many →

1 to 1 →

shipment

Shipment ID
Order ID
Driver ID
Delivery status
Delivery Time

1 to 1 →

Drivers

Driver ID
Name
Assigned Zone

1 to many

Delivery zone

Zone ID
Zone Name
Coverage area