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## MarketPlace (Hackathon Day 1)

Step1: Market Place:-

General E-commerce

Step2: Business Goal

Q1) What problem does your market place aim to solve?

A) Problems:-

Consumer struggle to find a wide variety of quality products in one place with reliable delivery options.

Solution:-

Create one-stop shop where customers can browse and purchase a diverse range of products conveniently.

Q2) Who is your target audience?

A) Target Audience:-

1) Age (18-60 years) (broad range depending on product categories).

2) Urban and Suburban residents with internet access.

3) Individuals who value convenience & variety and competitive pricing.

Q3) What product /services will you offer?

A) Products:-

- 1) Electronic (smartphone, laptop etc.)
- 2) Fashions (Clothing, jewelry etc.)
- 3) Household (Furniture, Appliances, decor)
- 4) Skin care, Beauty, cosmetics etc.
- 5) Groceries (fresh items).

Services:-

- 1) Gift wrapping & personalization
- 2) Installing Services (electronic, furniture etc.)

Q4) What will set your marketplace apart?

A) Speed:-

- 1) ~~Offer~~ Guarantee ultra-fast delivery for everything ~~Offer~~ ~~Offer~~ ~~Offer~~
- 2) Offer real-time tracking with accurate delivery

Customization:-

Users enable to personalize their products.

Customer Service:-

Provide 24/7 support with live chat or AI powered chatbots.

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## Data Schema

①

### Products

Product ID

Name

Description

Price

Image URL

Category

Stock Quantity (optional)

### Orders

Order ID

Customer ID

Order date

Products list

Total price

Order status

Delivery Date

### Customers

Customer ID

Name

Email Address

Phone number

Shipment Address

Order History

Payment method

### Delivery Zone

Zone ID

Zone name

Coverage Radius

Delivery charges

Estimated delivery time

Date: .....

## Shipment

Shipment ID

Order ID

Tracking number

Shipment Status

Delivery zone  ID

Delivery Agent Name

## Payments

Payment method

Payment date

Amount total

Transaction ~~area~~ number

payment status

(2)

Shipment

Shipment ID

Order ID

Status

Order

Order ID

Product ID

Quality

Delivery Zone

Zone name

Coverage area

Assigned driver

Product

ID

Name

Price

to customer

Customer ID

Name

Contact info

Date: .....

## Key fields

### 1) Products:

- i) Product ID:- unique Identifier for each Products
- ii) Name:- Name of products
- iii) Price:- cost per units
- iv) Stock:- quantity available in inventory
- v) Category:- ~~the~~ classification of the product
- vi) Tags:- Keywords for search optimization.

### 2) Order:

- i) Order ID:- unique identifier for each ~~order~~ <sup>order</sup>
- ii) Customer info:- customers name , contact , address
- iii) Products detail:- list of product , quantities and price
- iv) Status:- : order status.

### 3) customer:-

Customer ID:- Unique Identifier for each customer  
Name:- Full name

Contact Info:- Phone number

Address:- Delivery address

Order History:- Past orders

Date: .....

#### ④ Delivery Zone..

- i) Zone Name :- Identified name
- ii) Coverage area: list of area / postal code
- iii) Assigned Drivers:- ~~Detail~~ Details of drivers

#### ⑤ Shipments.

- i) Shipment ID:- unique tracking ID
- ii) order ID, linked order
- iii) Status:- current Shipment Status
- iv) Delivery date, delivery date (expected)