

Day 1: {Hackathon}

Step 1: Choose Your Marketplace Type:

- * General e-commerce

Step 2: Define Your Business Goal:

- * aim to solve your market problem?
- * Target audience?
- * Product or Service will you offer?
- * Marketplace apart from others?

Step 3: Data Schema:

I: Products

- Product ID (unique identifier)
- Product Name
- Description
- Price
- Category
- Subcategory
- Brand
- Quantity Available

Customer ID
Order Date
Total Cost
Status

+-----+

↓

many-to-one

+-----+

customers

Customer ID

Name

Email

Phone Number

Address

.....

↓

many-to-one

.....

Delivery zone

.....

Zone ID

Zone name

Coverage Area

Assigned Division

2: Orders

- Order ID (unique identifier)
- Customer ID (foreign key to identify customer)
- Order Date
- Total Cost
- Status (e.g., Pending, Shipped, Delivered, Cancelled)

3: Customers

- Customer ID
- Name
- Email
- Phone Number

Address

Password (~~Chosen~~ hashed for security)

4: Delivery Zones

- Zone ID
- Zone Name
- Description
- Geographic Boundaries (e.g. latitude, longitude, radius)

: Schema Diagram:

* Product :

- ID
- Name
- Price
- Stock
- Description
- Category

* Customer :

- Customer ID
- Name
- Phone
- Email
- Address

* Order :

- Order ID
- Product ID
- Quantity
- Order Date
- Delivery Date
- Status

* Delivery Zone :

- Zone ID
- Zone Name
- Coverage Area
- Assigned Drivers.

Date: 15. Jan. 2025

Day : 1

Marketplace:

* Schema Diagram:

+-----+	
• Products	
+-----+	
Product ID	
Name	
Price	
Stock	
+-----+	

| One-to-many

▼

+-----+	
Order Items	
+-----+	
Order ID	
Product ID	
Quantity	
Price	
+-----+	

| many-to-one

▼

+-----+	
Orders	
+-----+	
Order ID	

Day 1 of Hackathon:

Marketplace :

General (E-commerce)

Business Goals:

Problem Statement:

our market place provide a established online shopping experience for the customers to find their products.

Target audience:

Adults and 18-50 year old.

Selling Point:

wide range of furnitures
Styles, customization options and
affordable prices.

Product or Service:

high quality furnitures and
home decor items: