

# MARKETPLACE HACKATHON:-

## STEP 1: CHOOSE YOUR MARKETPLACE:-

### RENTAL E-COMMERCE

The primary purpose of a rental e-commerce platform is to provide users with the ability to rent products or services instead of purchasing them outright. It serves as an online marketplace where individuals or businesses can offer products ranging from fashion items, electronics, furniture, vehicles, equipment, and even properties on a temporary rental basis.

### Key Benefits of Rental E-commerce:-

1. **Cost Effective:** Reduces upfront costs for customers by enabling pay-as-you-use models.
2. **Sustainability:** Promotes reuse, reducing waste and environmental impact.
3. **Convenience:** Simplifies product access through easy online booking and delivery.
4. **Variety:** Provides access to a wide range of items for different needs.
5. **Flexibility:** Allows customers to access products temporarily without commitment.

DATE \_\_\_\_\_

## STEP 2: Define Your Business Goals:

① What problem does your Marketplace aim to solve?

- A Identify a gap or inefficiency in the market, such as limited access to affordable rentals, sustainable products use, or lack of variety in specific categories.

② Who is your target audience?

- A Define your ideal customers, such as budget-conscious consumers, eco-friendly shoppers, small business owners, or event planners who need temporary access to products or services.

③ What products or services will you offer?

- A Specify the categories, such as furniture, electronics, fashion, event supplies, or tools, that customers can rent rather than buy.

④ What will set your marketplace apart?

- A Highlight your unique value propositions, like competitive pricing, eco-conscious practices, premium customer service, a wide product range, or a seamless digital experience.

## STEP 3: Create a Data Schema:

⑤ What are the main entities and their relationships?

- A Products, Models and Customers with clear connection.

## Products and Oldels:-

1. Each Oldel includes one or more products.
2. A single product can be lented multiple times (1-to-many relationship).
  - Each Oldel contains one or more products.
- Relationship: 1 Product  $\leftrightarrow$  Many Oldels.

## Oldels and Customels:-

- ① Each Oldel is placed by one customel.
- ② A customel can place multiple oldels (1-to-many relationship)
  - Each oldel is placed by one customel.
- Relationship: 1 Customel  $\leftrightarrow$  Many Oldels.

## Oldels and Delively Zones:-

- ③ Each oldel is delivered to one zone; and each zone can serve multiple oldels (1-to-many relationship)
  - Each oldel is delivered to one delively zone
- Relationship: 1 Delively Zone  $\leftrightarrow$  Many Oldels.

## Data Schema:

### [Products]

- ID: 01
- Name: "Table"
- Price: 18000
- Stock: 17
- Image: For URL

### [Oldel Details]

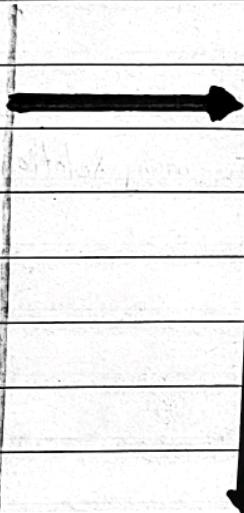
- Oldel Detail ID: 107
- Oldel ID: 542
- Product ID: 98
- Quantity: 3

### [Customels]

- Customel ID: 103
- Name: "Syed Obaid-Ullah Shahid"
- Contact Info: "Obaid@gmail.com"
- Address: "Suljani, Kalachi, Pakistan"

### [Oldels]

- Oldel ID: 542
- Customel ID: 103
- Total Amount: 54,000
- Status: "Active"



### [Delivery Zone]

- Zone ID: 07510
- Zone Name: "Suljani Kalachi"
- Coverage Area: "Suljani Town"
- Assigned Drivers: "Rakes"

### [Shipment]

- Shipment ID: 201
- Order ID: 542
- Status: "Active"

## Relationships:-

- Products ↔ Categories
- Customers ↔ Orders
- Orders ↔ Payments
- Orders ↔ Shipping / Delivery
- Orders ↔ Returns
- Products ↔ Reviews
- Customers ↔ Reviews
- Products ↔ Discounts / Promotion
- Customers ↔ Cart

Belongs To

