Hackathon

Day 1:
Laying the foundation for a successful Marketplace

Step 1:
Choose your marketplace type.

Q- Commerce food Restaurant.

Purpose:
To enable ultra-fast delivery of restaurant-prepared meals, ensuring convenience and quality for customers.

Step 2:
Define your business goals.

1. What problem does your marketplace aim to solve?

$ The food restaurant marketplace addresses issues like limited visibility for small restaurant and the difficulty of finding dining options. It offers a centralized platform for consumers to discover restaurants, view menus, make reservations and order food for

restaurants it helps reach a broader audience, streamline operations and manage customer interactions ultimately improving the dining experience for customers and supporting restaurant growth.

2- Who is your target audience?

1 Families:
   Providing quick, reliable meal delivery to meet the needs of busy households seeking convenient and wholesome food options.

Office Workers:
   Ensuring fast and seamless food delivery for professionals managing tight schedules and demanding workdays.

Students:
   Offering affordable, on-demand meal solutions for students balancing academics and personal commitments.

3- What products or service will you offer?

1 On-Demand food Delivery:
   A wide range of cuisions delivered at lightning speed for various local restaurants.

Meal Bundles and offers:
   Custed meal combos and exclusive

deals to enhance customer satisfaction and increase order value.

Real-Time order Tracking: Accurate live tracking ensures users are informed at every stage of this order journey.

4. What will set your marketplace a part (e.g. speed, affordability, customization?

A The marketplace aim to solve the inconvenience food ordering by allowing customers to:
Easily browse the restaurant's menu.
Order without needing to call the person.
Customize their order, (e.g. extra topping).

Step 3:
Create a data Schema.

1. Products Data:
   Product ID
   Product Name
   Slug
   Price
   Category
   Stock

2. Order Data:
   - Order ID
   - Customer ID
   - Total Amount
   - Order Status

3. Customers Data:
   - Customer ID
   - Name
   - Email
   - P. NO
   - Address

4. Delivery Zone:
   - Zone ID
   - Zone Name
   - Coverage Area

Draw a relationships between these entries using a diagrams.

[Product]
- ID
- Name
- Price
- Stock

[Order] → [Customer]   - Product ID   - Name
- Order ID - Customer ID   - Quantity   - Contact Inf.

Relationships:

Restaurants :
      Menu Items:
            Each restaurants in linked to its menu items for easy updates.

Customers:
      Orders:
            Customers place orders linked to their profiles.

Orders:
      Payments:
            Payment details are linked to the respective order for tracking and reconciliation.

Orders:
      Riders :
            Riders are assigned to order based on delivery zones and availability.

Orders:
      Delivery Zones:
            Delivery zones streamline order fulfillment and reduced delivery times.