

# Hackathon Day 1

Date: 15/01/2025

## Step 1: Choose Marketplace Type

Chosen: General E-Commerce

Purpose: To create an online platform where customers can:

- Order freshly brewed coffee and healthy meals.
- Reserve tables for dine-in.
- Enjoy loyalty rewards for repeat purchases.

## Step 2: Business Goals

1) What problem does your marketplace solve?

- Makes ordering food and coffee fast and convenient.
- Offers healthy food options for diet-conscious customers.
- Eliminates wait times with pre-ordering and table reservation features.

2) Who is your target audience?

- Office-goers and professionals who need quick meals or coffee.
- Health-conscious individuals seeking fresh and organic options.
- Coffee lovers looking for customized drinks.

## Step 3: Products & Services

3) What Product or Services will you offer?

- Products: Coffee, tea, snacks, salads, sandwiches, and desserts.
- Services:
  - \* Pre-order for takeaway or delivery.
  - \* Table reservations for dine-in.
  - \* Personalized drink customization options (e.g., milk type, sugar levels).

4) What will set your Marketplace Apart?

- Real-time order tracking.
- Loyalty rewards program for frequent customers.
- Highly customizable menu options tailored to personal preferences.
- Affordable pricing.

# Step 4: Data Schema

## 1) Products:

- ID, Name, Price, Stock, Category (e.g., Coffee, Snacks), Customization Options.

## 2) Orders:

- Order ID, Customer ID, Product Details, Total Amount, Payment Method, Status (e.g., Pending, Completed).

## 3) Customers:

- Customer ID, Name, Contact Info, Loyalty Points.

## 4) Reservations:

- Reservation ID, Customer ID, Date and Time, Table Number.

## 5) Delivery Zones:

- Zone Name, Area Covered.

# Schema Diagram:

