Hackathon 3: Marketplace Builder – Day 1 Documentation

Project Overview

Project Name: Quick Commerce Marketplace
Hackathon: Hackathon 3: Marketplace Builder
Objective: Build a marketplace website for quick and efficient delivery of coffee and snacks, focusing on convenience and customization.

Introduction

Welcome to the documentation for Day 1 of the Hackathon 3: Marketplace Builder project. This project focuses on building a quick-commerce marketplace website specializing in delivering high-quality coffee and snacks with an emphasis on speed, customization, and user-friendly design.

Marketplace Type

Type: Quick Commerce
Description: A fast and efficient way to deliver high-quality coffee and snacks directly to customers' doors. The marketplace emphasizes convenience, speed, and personalization.

Business Goals

1. Problem Statement

Our marketplace aims to address:

- Long waiting times at traditional coffee shops.
- Limited customization options for orders.

2. Target Audience

- Busy professionals
- Students
- Coffee enthusiasts
- Health-conscious individuals

3. Products and Services Offered

Products:

- A variety of coffee beverages.
- Snacks.
- Add-ons like syrups and milk options.

Services:

- Fast delivery within 20–30 minutes.
- Order customization.
- Subscription plans for regular deliveries.

4. Unique Selling Points

- **Speed**: Fast delivery.
- **Customization**: Personalized orders.
- **Quality**: Premium coffee and eco-friendly packaging.
- **Accessibility**: Mobile-friendly design for ease of use.

Data Schema and Relationships

Entities

1. Customer
2. Order
3. Product

Relationships

- **Customer → Order (1:N)**: A single customer can place multiple orders.
- **Order → Products (N:M)**: An order can contain multiple products, and a single product can appear in multiple orders. This relationship is managed via an intermediary table ("Order_Product").

Diagram Overview

- **Customer → Order (1:N)**
- **Order → Product (N:M via Order_Product table)**

Conclusion

Day 1 of the Hackathon 3 journey has been an exciting and productive start. By identifying the core goals and designing the data relationships, this project is set on a solid path toward delivering a unique, quick-commerce solution. The focus on speed, customization, and quality ensures that this marketplace will stand out in addressing modern customer needs. More updates and progress are on the horizon—stay engaged as the journey unfolds!