

Heckathon

Day 1



Name: Ayesha Nasir

Class: GIAIC Q2

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TASK FOR DAY 1

STEP : 1

* MARKETPLACE TYPE :

General E-Commerce.

* PRIMARY PURPOSE :

* To provide a wide variety of products under one place.

* To enable customers to shop for essentials and non-essentials conveniently from their homes.

* To cater to a global audience with diverse product categories

STEP : 2

BUSINESS GOALS

* Problem to Solve:

- * Simplify online shopping by offering an 'all in one' platform.
- * Address customer pain points like unreliable delivery, limited product availability, and lack of customer support.

* Target Audience:

- * Individuals aged 18-45 who prefer online shopping.
- * Urban and semi-urban residents looking for convenience and variety.

* Products Or Services Offered:

- * Fashion, electronics, home appliances, groceries and personal care items.
- * Additional services like gift wrapping, easy returns, and next-day delivery.

* Unique Selling Point (USP):

- * Competitive pricing with frequent discounts.
- * Personalized shopping experience with AI driven recommendations.
- * Speedy and reliable delivery service with live tracking.

STEP : 3

DATA SCHEMA

Entities in the marketplace

1) Products

ProductID

Name

Price

Stock

Category

Description

Images

Ratings

CreatedAt

UpdatedAt

2) Orders

OrderID

CustomerID

OrderDate

TotalAmount

Status

PaymentMethod

DeliveryZoneID

CreatedAT

UpdatedAT

3) Customers:

CustomerID
Name
Email
PhoneNumber
Address
OrderHistory
CreatedAt
UpdatedAt

4) Delivery Zones

ZoneID

ZoneName

CoverageArea

AssignedDrivers

CreatedAt

UpdatedAt

Data Schema Diagram

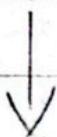
[Product]

ProductID

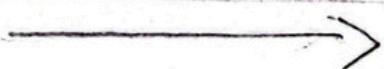
Name

Price

Stock



[Order]



[Customer]

CustomerID

Name

Email

Address

OrderHistory



[Delivery Zone]

ZoneID

ZoneName

CoverageArea

Thank
You