

Date 16-Jan-2025

Day No 1

Hackathon

Step no 1

- Market Place type : Q-Commerce
- Platform Name : Food Ordering website
- Primary Purpose :

Q-Commerce a quick Commerce is a type of online shopping that focuses on delivering Product quickly.

The primary purpose of our market place is that to provide customers with fast and reliable delivery of fresh and packaged food items. The Platform focuses on delivering daily essential

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Such as groceries, ready-to-eat meals, and snacks within an hour, catering to busy urban customers.

Key Features:

- i Availability of different food item categories
- ii Quality and fresh food availability
- iii Hygiene proven
- iv Real-time order tracking
- v Secure transaction

Step no 2

Problem face by Customers:

- i Long Delivery Times:

Customers face inconvenience due

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to delays when ordering food.

ii Availability issues:

Food items are often unavailable during peak hours.

iii untrained staff:

Customers feel uneasy and

dissatisfied with untrained staff

iv Lack of order Transparency:

Customers feel uncertain

about delivery progress with out real-time updates

How our Marketplace solve these Problems:

i Fast and Fresh Delivery:

Our Marketplace ensure high-

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quality, fresh food with quick delivery,
an easy ordering Process, and secure Payment
options.

ii Pre-ordering Option:

Customer can Pre-order
food avoid unavailability during Peak hours.

iii Professional Staff:

Our well-educated and trained
Staff Provide exceptional Service tailored
to Customer's needs.

i Real-Time Tracking:

Customers can track their
orders live, providing full transparency and

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a Seamless delivery experience

Target Audience:

i Students:

They need fresh and quick food.

ii Office workers:

They always look for hygienic food at their reach.

iii Families:

They want fast delivery and fresh food.

iv Kids:

Kids loves fast food nowadays very much

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Product and Services:

- i Food delivery with in 45 minutes
- ii online ordering
- iii Pre ordering in case of Peak hours
- iv Friendly user interface and experience
- v offers different food categories like
starter menu, main course, dessert, drinks
- vi Offers deals and discount frequently to
customers.

Unique Features:

i Speed:

Orders delivered with in 45 mins

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ii Affordability:

Competitive Pricing and discounts on bulk orders and affordable deals

iii Sustainability:

Eco-friendly Packaging and support for local food Producers

Step 3:

Data Schema:

i Entities:

• Items:

Food items available to buy.

• Orders:

To store records of Transaction between customers and platform

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• Customers:

Customers who Purchase the food items

• Delivery Zones:

Providers.

Delivery areas defined by logistics

• Shipment:

Tracks the delivery of food items.

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ii ER Diagram:

Food-items
id (PK)
Name
Price
Stock
Category

included in

Orders
id
Customer-id (FK)
Food-item-id (FK)
Total Price
Status, Quantity
Timestamp

Place by

tracked by

Customers
id (PK)
Name
Email
Address
Phone

Shipments
id (PK)
order id (FK)
Status
Delivery hours

Operates in

Delivery Zone
id (PK)
Zone Name
Coverage Area
Assigned Driver

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ii Fields per Entities

• Food item.

- ID: unique identifier for each item.
- Price: cost Per unit
- Stock: Quantity available
- Category: Classification
(Starters, mains, desserts, drinks)
- Tags: For searching (Fresh-meal)
- small-Description: text

• order:

- ID: unique identifier for each order
- Customer ID: linked customer identifier

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- Food items id: linked food items identifier
- Total Price: Final cost
- Status: (Pending, Delivered, etc)
- Time stamp: Date / time of order placement
- Discount: Discount on final price

• Customer:

- ID: unique identifier
- Name: Full Name
- Email: Customer Email.
- Phone: Customer Phone Number
- Address: Customer Address

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• Delivery Zone:

- ID: unique identifier for each zone.
- Name: Zone Name
- Coverage Area: List of Postal codes
- Assigned Driver: Detail of driver assigned to Zone.

• Shipment:

- ID: unique identifier for Tracking
- order id: linked order
- Status: Current shipment status
- Delivery: Expected Delivery time
- Tracking number: unique tracking number of each order
- Weight: weight of food item