Hackathon Day 01

* Laying the foundation for
Your Market Place
Journey

Step 1: Choose Your Market Place:
Type:
* Q-Commerce

* Purpose:
The primary purpose of the Q-Commerce ~~site~~ food resturant site will be to provide a fast and convinient platform for customers to browse menus, place orders and enjoy quick delivery of their favourite meal.

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Step 2 : Define your Business goals:

* What problem does your market place Aim to Solve?

Ans: The market place Solves the problem of delayed and inconvenient meal ordering by offering a fast and reliable Q-Commerce Site. It ensures quick food delivery for foodies and busy individuals.

* Target Audience:
The target audience includes busy proffessionals, food loving peoples and families in Urban areas who Seek quick and reliable food delivery for meals.

* Offered Products or Services:
The Q-Commerce resturant will offer freshly prepared meals, snacks, and deals with quick delivery.

* What will set your market place apart? :

The market place will inshallah stand out with its exceptional speed, delivering fast freshly meals with in 1 hour, along with the best value for money to ensure affordability without compromising on ~~money~~ quality.

Step 3: Create a Data Schema:

* Identify the entities in Market place:

i) Menu Items:
```
[ " Item_Id"
  " name"
  " description"
  " Price"
  " Category"
  " availability"  ]
```

2) Orders :

```
{  "order id"
   "Customer id"
   "items": [ "items_id"
              "quantity" ]

   "total amount"
   "Order Status"
   "Order time"
   "delivery Status"
   "Payment_Status"
}
```

3) Customers:

```
{
   "Customer_id"
   "name"
   "email"
   "Phone_number"
   "delivery_address"
   "Order_history"
}
```

4-) Delivery Zone:
{
"Zones_id"
"Zone_name"
"Zone_Area"
}

5-) Payments:
{
"Payment_id"
"order_id"
"Payment_method"
"amount Paid"
"Payment_Status"
"Payment_time"
}

6) Delivery:
{
    "delivery-id"
    "Order-id"
    "delivery_time"
    "delivery_Status"
    "delivery_Person"
    "zone_id"
}

☆ RelationShip b/w Entities:

```
┌─────────────┐
│ Menu Items  │
└─────────────┘
       │
       ↓
┌─────────────┐
│ Orders      │
│ "Order_id"  │
│ "Customer_id"│ <- - -> ┌─────────────┐
│             │          │ Customers   │
│ "Payment_id"│          │ Customer_id │
│ "Delivery_id"│         │ Name        │
└─────────────┘          │ Email       │
       │                 │ Phone       │
       ↓                 │ Address     │
                         └─────────────┘

┌─────────────┐
│ Payment     │ <- ─
│ "Pay-id"    │
│ "Amount"    │
│ "Status"    │
└─────────────┘

┌─────────────┐
│ Delivery    │
│ "Delivery-id"│
│ "Order-id"  │
│ "Time"      │
│ "Deliver-Zone"│ - -> ┌──────────────┐
└─────────────┘         │ DeliveryZones│
                        └──────────────┘
                               │
                               ↓
                        ┌──────────────┐
                        │ Shipment     │
                        └──────────────┘
```