STEP 1: CHOOSE YOUR Marketplace TYPE:

Ecommerce Marketplace for Chairs
General E-commerce:

- primary purpose:

The primary purpose of comfort chairs is to provide a online platform where customers can easily browse according to their need.

Comforty aim to offer a seamless shopping experience for customers by focusing on high-quality furniture for homes, offices and outdoor spaces.

STEP 2: DEFINE your BUSSINESS GOALS:

a. What problem does your marketplace aim to solve?

Customers often struggle to find a wide variety of chairs in one place. Also, they face some challenges on comparing prices, styles and delivery options.
So, our market will offer a comprehensive

collection of chairs, allowing customers to easily compare products, read reviews and make informed purchasing decisions.

b. Who is your target audience?
- Homeowners - looking for comfortable and stylish chairs for living spaces.
- Outdoor enthusiasts looking for durable and weather resistant chairs.
- Office managers or business ergonomic chairs for their employes
- Event organizers needing chairs for special occassions

STEP 3: DEFINE YOUR PRODUCTS / SERVICES.
- Sitting products (chairs)
  office chairs, home chairs, outdoor chairs

Unique selling proposition (USP)
- Wide variety
- Affordability
- Customization.
- Fast delivery.

STEP 4: CREATE A DATA SCHEMA.

a. • products: chairs avaiable for sale
   • Orders : Records of transactions between
             customers and the platform.
   • Payments : Tracks transactions and payment.
   • Delivery zones: Areas covered by your logistics.
   • Customers : Individuals or bussinesses purchasing
   • Shipment : Tracks the movement of product.

b. Relationships between entities.

[Product]
   - ID, Name, Price, Stock

[Order]   →   [Customer]
   - Order ID   Customer ID
   - Product ID   Name
   - Quantity   Contact Info

[Shipment]   [Delivery Zone]
   - Shipment ID   Zone Name
   - Order ID   Coverage Area
   - Status   Assigned Driver

c. - Focus on key fields for each entity.

- **Products:**
  - ID: Unique Identifier for each product.
  - Name: Name of the product.
  - Price: Cost per unit.
  - Stock: Quantity available.
  - Category: Classification (office, home, outdoor)

- **Orders:**
  - Order ID: Unique Identifier for each order.
  - Customer Info: Name, Contact, details, prices.
  - Status: Order status
  - Timestamp: Date and time of order placement.

- **Customers:**
  - Customer ID: Unique identifier
  - Name: full name
  - Contact Info: Phone number and email.
  - Address: Delivery address
  - Order history: Past orders.

- Delivery Zones:
  - Zone name: Name of the delivery zone.
  - Coverage Area: List of postal codes or cities
  - Assigned Drivers: Details of drivers / couriers.

- Shipment:
  - Shipment ID: Unique identifier for tracking.
  - Order ID   : linked order
  - Status   : Current status
  - Delivery Date : Expected on actual delivery
                    date on time.

- Payment:
  - Payment ID: Unique identifier for payment
  - Order ID : Unique identifier of order.
  - Amount   : Amount of the product.
  - Method   : Payment by Account / Cash.
  - Status   : Current status.

STEP 5: DOCUMENT YOUR SCHEMA

[Product]
- ID
- Name
- Price
- Stock
- Category

[Order]
- Order ID
- Customer Info
- Product Details
- Status
- Timestamp

[customer]
- Customer ID
- Name
- Contact Info
- Address
- Order History

[Delivery zone]
- Zone Name
- Coverage Area
- Assigned Drivers

[Shipment]
- Shipment ID
- Order ID
- Status
- Delivery Date

[payment]
- Payment ID
- Order ID
- Amount
- method
- Status

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┌─────────────────────────────┐
│         Product             │
│  Name, Price, Stock, ID,    │
│         Category            │
└─────────────────────────────┘
               │
               │
┌─────────────────────────────┐
│          Order              │
│  ID, Customer info, product,│
│   detail, status, timestamp │
└─────────────────────────────┘
              ◇
             ╱ ╲
            ╱   ╲
┌──────────────────────┐   ┌──────────────────────┐
│     Customer         │   │   Delivery zone       │
│ ID, Name, Contact info,│ │  Zone Name, Coverage  │
│   Address, History    │   │  Area, Assigned       │
└──────────────────────┘   │            Drivers    │
            ╲              └──────────────────────┘
             ╲            ╱
              ╲          ╱
┌─────────────────────────────┐
│          payment            │
│  ID, order ID, Amount,      │
│      method, status         │
└─────────────────────────────┘
               │
┌─────────────────────────────┐
│         Shipment            │
│ shipment, ID, Order ID, status│
│      Expected Date          │
└─────────────────────────────┘
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