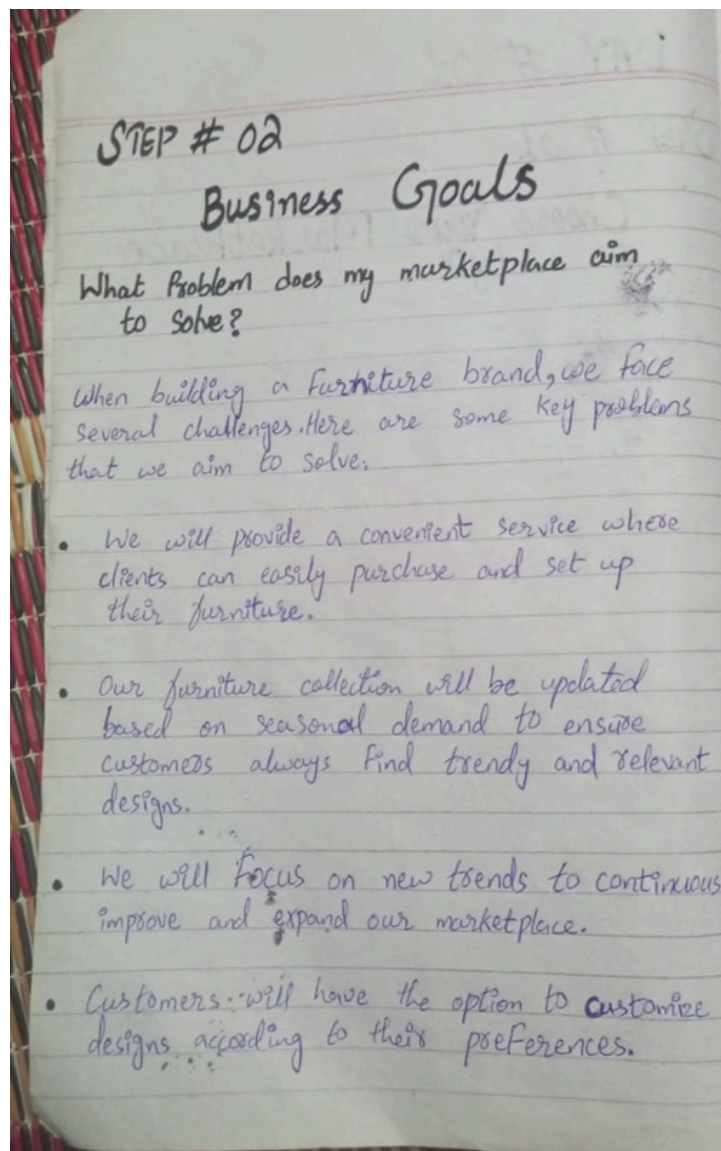


Hackathon

Day #01



- We will offer delivery services and a return policy to ensure a smooth shopping experience.

Who is Our Target Audience?

Our target audience includes individuals who are looking for high-quality furniture, modern designs, and the latest trends. They also value fast delivery and a smooth shopping experience.

What Products or Services will we offer?

We offer furniture products based on seasonal demand. Additionally, we provide various services, including:

- Coupons and gift cards based on our customer retention strategy.
- Fast and reliable deliveries through our own delivery team, ensuring better service quality.
- We do not rely on third-party carriers services, allowing us to maintain full control over the delivery process.

STEP # 03 :

Create a Data Schema

Entities of our Marketplace:

- 1) Product - Furniture items of all types, including chairs, sofas, table, etc.
- 2) Order - A record of purchases ^{made} ~~made~~ by customers.
- 3) Customer - The person who places an order on the website.
- 4) Delivery Zone - The area where our delivery service is available.
- 5) Payment - The method customers use to complete their purchase.
- 6) Shipment - The process of tracking the movement of products from our warehouse to the customer.

Key Fields of Each Entity.

1. Product

- id - Unique identifier for the product.
- Product Name - Name of the Furniture item.
- Product Image - URL or File path of the product image.
- Price - Cost of the Product.
- description - Detailed information about the product.
- discount - Discount percentage (if applicable).
- Category - Type of furniture (e.g., chair, sofa, table).
- Stock - Available quantity in inventory.
- Features - Special attributes or highlights of the product.
- Color - Available color options.

2. Order:

- order Id - Unique identifier for the order.
- Customer Info - Object containing customer details.
- Product Details - List of ordered products.
- Status - Order status (Pending, shipped, delivered).
- timestamp - Order placement date and time.

3. Customer:

- Customer Id - Unique identifier for the customer.
- Customer Name - Full name of the customer.
- address - Shipping and billing address.
- Contact Info - Phone number or email.
- Order History - List of Past orders.

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4. Delivery Zone:

- Zone Name — Name or identifier of the delivery zone.
- Coverage Area — list of postal codes or cities served.
- delivery charge — cost of delivery for the zone.

5. Shipment:

- Shipment Id — unique identifier for the shipment.
- codes Id — associated codes ID.
- status — current shipment status (in transit, out for delivery, delivered).
- delivery Date — expected or actual delivery date.

RELATIONSHIP:

