

Day 1

1

Hackathon # 3

Marketplace Builder Hackathon

E-Commerce

The marketplace will focus on furniture, offering a wide range of products for residential, commercial, and office use.

It will provide a user-friendly shopping experience with customization options, flexible payment plans, and fast delivery services.

Business Goals:

Q1 What problem does your marketplace aim to solve?

- ① [Affordable, High-Quality Furniture] Addressing the struggle to find quality furniture at reasonable prices by offering a diverse range of budget-friendly options without

compromising on quality.

② Lack of Personalization:- Offering customizable furniture (size, materials, finishes) to suit customer needs.

③ Cumbersome Shopping Experience:- Simplifying the shopping process with an easy-to-use online platform, payment & timely delivery.

Q2 Who is your target audience?

① Homeowners & Renters:- looking for stylish, functional & affordable furniture with specific design needs.

② Interior Designers:- seeking unique, customizable furniture options for specific projects.

③ Young Urban Professionals:- living in small apartments, looking for space-saving, modern furniture.

Q3 What products or services will you offer?

① Living Room Furniture:- sofas, armchairs, coffee tables, media units, side tables.

- ③ Bedroom Furniture: Beds, wardrobes, dressers, nightstands and mirrors.
- ④ Dining & Office Furniture: Dining tables, chairs, office desks, ergonomic office chairs, bookshelves, conference tables.
- ⑤ Furniture Customizations: Allowing customers to personalize furniture based on their preferences for size, material and finish.

Q4 What will set your marketplace apart?

- ① Seamless Shopping: Easy-to-use platform with fast checkout and secure payment.
- ② Sustainability: Eco-friendly, renewable materials and ethical production practices.
- ③ Affordable, High Quality: Competitive prices with top-notch durability and design.
- ④ Customization and Personalization: Tailor furniture by size, material, and color to suit individual preferences and spaces.

Schema Data:

Products

- ID :- Unique identifier for each product.
- Name :- Name of the Product.
- Price :- Cost per Unit.
- Stock level :- Quantity available in the warehouse.
- Category :- Type of Product (eg:- Living Room, Bedroom, Office).
- Tags :- keywords for easy search (eg:- New Arrival, Sale).

Orders :-

- Order ID :- Unique identifier for each order.
- Customer Info :- Name, Contact details and delivery address.
- Product Details :- list of products, quantities and prices.
- Status :- Current status of the order (eg:- Pending, Shipped, Delivered).
- Timestamp :- Date & Time the order was placed.

Customers :-

- Customer ID :- Unique identifier for each customer.
- Name :- Full name of the customer.
- Contact Info :- Phone number and email address.
- Address :- Shipping address for delivery.
- Order History :- Records for past orders made by the customers.

Shipments :-

- Shipment ID :- Unique identifier for tracking the shipment.
- Order ID :- Linked order for shipment.
- Status :- Current status (eg :- Transit, Delivered)
- Delivery Date :- Expected or actual delivery date.

Delivery Zones :-

- Zone Name :- Name or identifier of the delivery zone.
- Coverage Area :- list of postal codes or cities served.
- Assigned Drivers :- Details of delivery drivers or couriers.

Schema Data:-

