

Hackathon 03

DAY 01:- Laying the foundation for your marketplace journey.

Step 01: Choose your marketplace type.

- > Choice:- General E-commerce.
- > Purposes to provide a convenient platform where customers can browse, select and purchase quality furniture for their home or offices.

Step 02: Define your business Goals:-

- > Problem solved:- Simplifies the process of buying furnitures by offering a wide range of options online, eliminating the need to visit physical stores.
- > Target Audience:- Home Owners, Office managers, and interior designers seeking stylish and affordable furniture.
- > Products offered:- Chairs, tables, sofas, mirrors and other furniture essentials for home and office.
- > Marketplace Differentiator:- Competitive Pricing, easy to use platform, and a seamless online shopping experience.

Step 03:- Create a Data schema.

→ Entities:-

→ **Products:** ID, Name, Description, Price, Stock, category

→ **Customers:** Customer ID, Name, E-mail, Contact Info, Address

→ **Orders:** Order ID, Customer ID, Order detail (product ID, quantity), total amount, Status (Pending, delivered), Order date.

→ **Delivery Zone:** Zone ID, Zone Name, Coverage Area, Assigned driver

Relationships.

- Products are linked to orders by product ID
- Orders are linked to customer by customer ID
- Delivery zones are connected to orders via Zone ID

DIAGRAM



