

[Customers] :-

- ID :- string/number
- Name :- string
- Email :- string
- Phone :- string
- Address :- string
- Orders :- Array of IDs

[Delivery zone] :-

- ID :- string/number
- Name :- string
- Delivery charges :- number

[Shipment] :-

- ID :- string/number
- Order ID :- string/number
- Ship Date :- string
- Delivery zone ID :- string/number
- Status :- string

Connections :-

- Users → Orders → Shipment: User place orders, which are linked to shipment for delivery
- Orders → Payment: Each order needs a payment transaction
- Products → Inventory: stock details are maintained in inventory.

PRODUCTS SERVICES AND OFFERS...

- Home decor
- Furniture

NOW LET'S TALK ABOUT SCHEMA...

[Product]:

- ID: string/number (unique identifier)
- name: string (Product Name)
- Description: string (Product description)
- Price: number (Product Price)
- ~~st~~ Image: Array of strings
- Reviews: Array/JSON
 - size: string
- color: string[]/string

[Orders]:

- ID: string/number
- Product ID: number
- status: string
- quantity: string
- order date: string/Date
- Price: number
- Delivery zone ID: string/number

RELATIONSHIPS B/W ENTITIES IN THE MARKET PLACE

Customer Experience:-

Customer



Products



Order



Marketplace
Platform



Payment



Shipment



Tracking



Final Order
Delivery

Vendors Experience:-

Market Place (Account creation)



Product Listing



Creating Profile



Sharing Contact Info
~~Listing~~



Attaching Account for Payments

Customers Experience While communicating with vendors:-

- Customers will see a list of vendors
- They can communicate with anyone of them via chatbox
- Customers and vendors will discuss about the entire product creation.
- Platform will help vendors to get visible and customers to find correct vendors.

UNIQUE SELLING POINTS:-

- Customization
- Affordability
- Exclusive Designs
- Local Vendor Support
- Convenience:- A user friendly platform to explore, customise and connect with vendors, making the buying process simple and efficient.

ENTITIES IN MY MARKETPLACE:-

- Customers
- Products
- Orders
- Shipment
- Payments
- Delivery zones
- Vendors
- Market Place Platform
- Market Place Admin (Me)
- Logistics/Delivery Partners (Optional Future Entity)
- Payment Gateway

HACKATHON TASK FOR DAY 1

MARKET PLACE TYPE:-

- GENERAL E-COMMERCE

My BUSINESS GOALS:- market place

- I will make a ~~business~~ⁱⁿ which we will sell furniture and home decor items.
- We would also be bridging the gap b/w customers and local furniture vendors by offering a platform to explore ready-made and customisable furniture.

OUR TARGET AUDIENCE:-

- Homeowners and Renters
- Small Businesses and Offices
- Interior Designers and Décorators
- Local Furniture Enthusiasts

SERVICES AND PRODUCTS WE WILL OFFER:-

- Ready made furniture
- Customisable furnitures
- Vendor connection services
- Exclusive Furniture Pieces