

MARKET PROJECT DOCUMENTATION:

1. Market Type :: GENERAL E-COMMERCE PLATFORM

1. A market place offering a range of physical products like furniture, clothing etc.
2. Users can browse, compare & purchase high quality products for personal use.

2. Business Goal ::

• Problem Statement ::

Challenges: inability to physically interact with products, lack of detailed information, shipping expenses.

• Solution ::

Clear product description, high quality images, user friendly interface.

• Target Audience ::

Home owners, students, digital marketing, tech enthusiasts, fashion & beauty lovers.

NOTE: PRODUCT & SERVICES:

Categories: Furniture, Clothing, Electronics, Books

Attributes: Product ID, Name, Price, Stock, Category

Services:

• Unique Selling Points:

User-Friendly interface, detailed Product pages, easy checkout, customer support, personalized recommendations

3. Data Schema Diagram

• Information:

• Entities:

• Products: ID, Name, Price, Stock

Description, Category, Image, Seller

• Orders: ID, Customer ID, Product

IDs, Order Date, Total Amount, Status

• Customers: ID, Name, Email, Address

Phone Number

• Attributes:

• Connections:

Products → Orders → Customers

Relationships: 1:M, 1:1, M:M

DIAGRAM:

PRODUCTS	ORDERS	CUSTOMERS
ID	ID	ID
Name	Customer ID	Name
Price	Products IDS	Email
Stock	Order Date	Address
Description	Total Amount	Phone Number
Category	Status	
Seller		

4. SHARING WORK:

Put the diagram & business goals on LinkedIn or upload to Hackathon repository.

CONCLUSION:

The Mal from will provide an intuitive shopping experience with a focus on user experience & detailed product information. The data schema ensures scalability & clear relation b/w products, orders & customers.