

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.

PRODUCT & SERVICES:

Categories: Furniture, Clothing, Electronics, Books

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

Attributes:

• 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

Attributes: Product ID, Order ID, Customer ID

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.