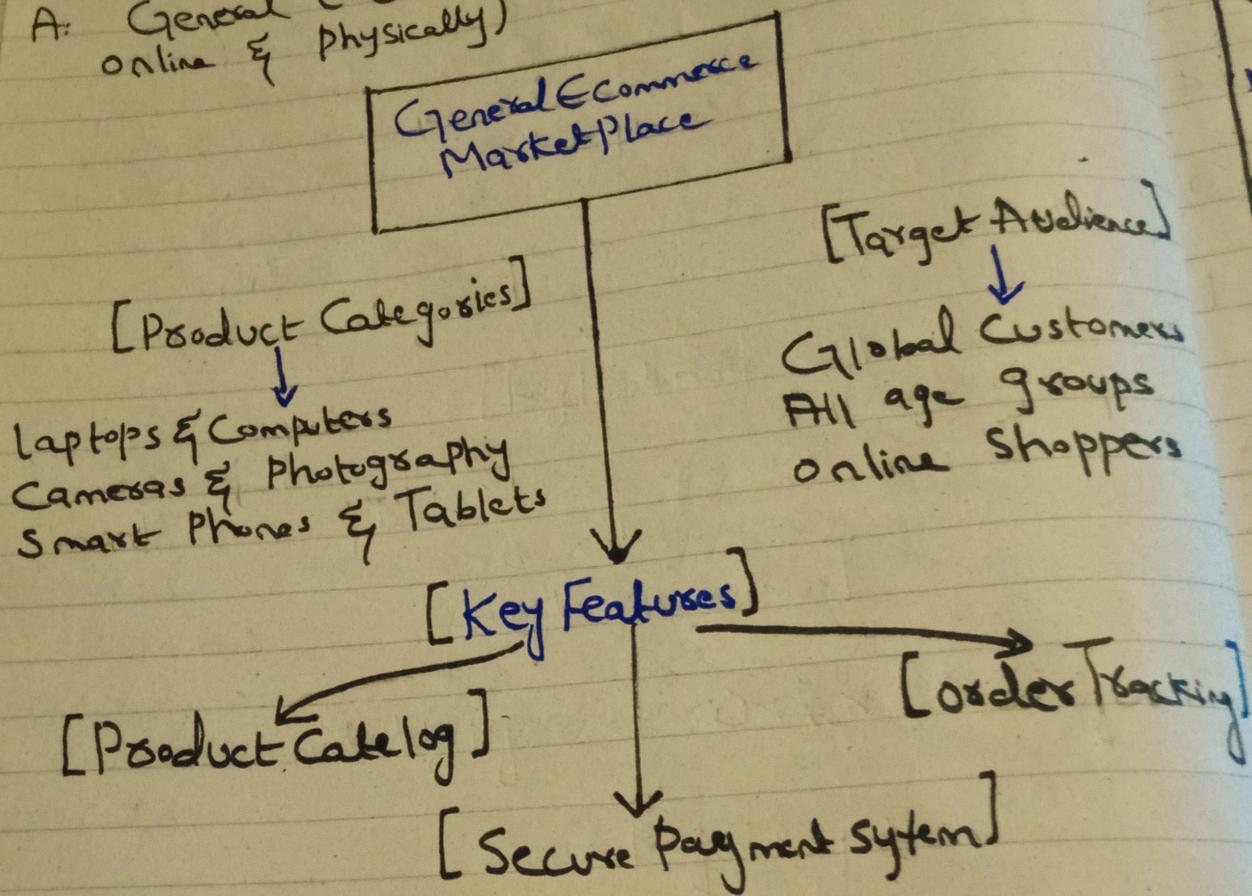


LAYING-THE-FOUNDATION For your MARKET PLACE

Q: What type of market place are you building?

A: General E-Commerce (Selling Various products online & physically)



Define Your BUSSINESS Goals

Q: What problem does your market place solve?

A: Customers struggle to find affordable Authentic Electronic, Furniture & General items.

DAY 1 TASK

LAYING FOUNDATION FOR MARKET PLACE

Laying the foundation for a market place involves defining key entities their relationships & how data will be structured in the database. This is where Schemas come into play. A good database Schema is crucial for solving various challenges like data integrity, scalability & maintain clear relationships between entities.

Here a basic Schema design for a market place platform along with explanations for each table & their relationships.

1. ENTITIES OVERVIEW:

The major entities in a market place are mentioned below.

- USERS (BUYERS, SELLERS, ADMINS)
- PRODUCTS
- ORDERS
- CART

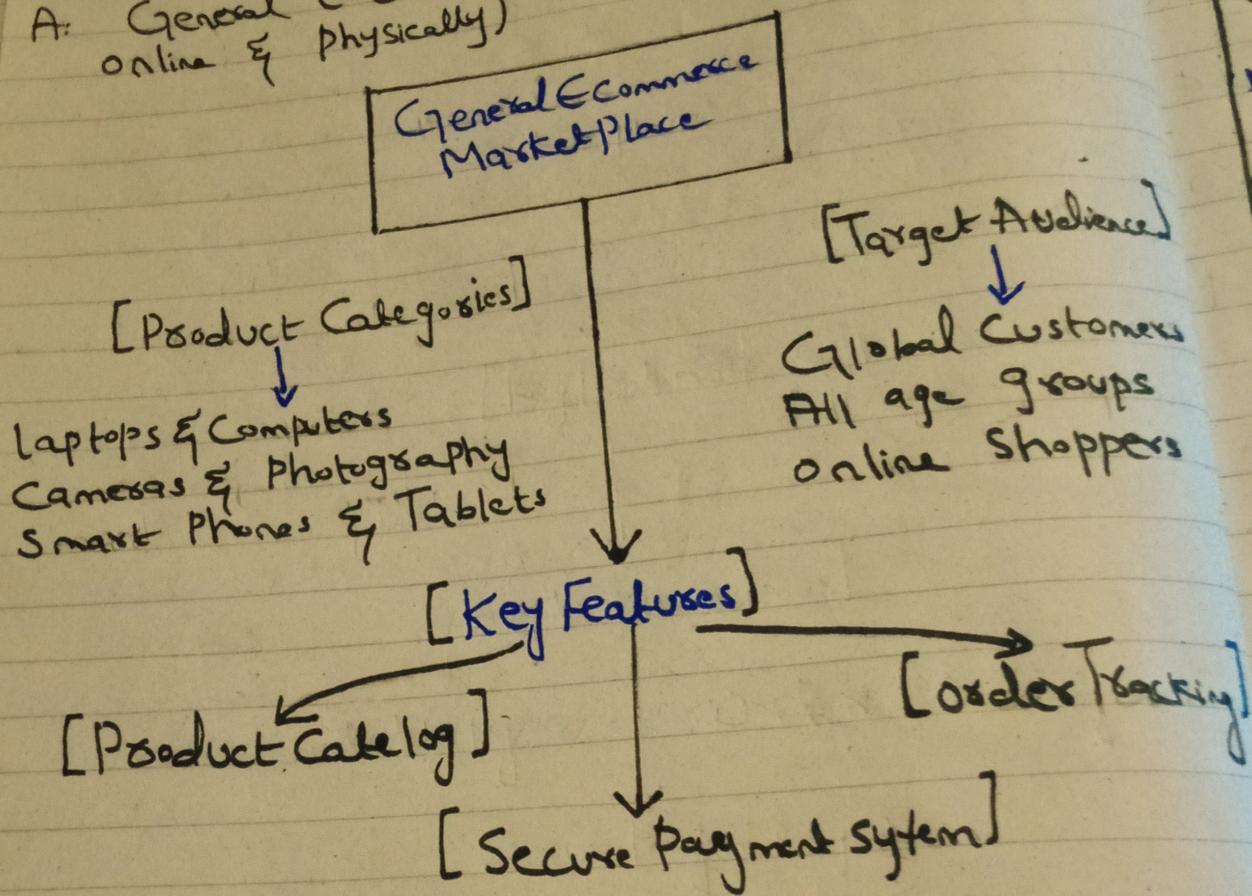
PAYMENTS

REVIEWS

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Tuesday

Q2: W

Ans: Y

Q3: W

Ans: V

Q4: L

Ans: E

Q5

Ans:

- SHIPPING
- CATEGORIES

2. DATA BASE SCHEMA DESIGN

USERS TABLE:

This table stores information about users (buyers, sellers, & admins). It tracks user credentials & roles.

```
Create Table users (
    user_id INT PRIMARY KEY AUTO_INCREMENT,
    name VARCHAR(255),
    email VARCHAR(255) UNIQUE NOTNULL,
    password_hash VARCHAR(255),
    role ENUM ('buyer', 'Seller', 'admin') DEFAULT 'buyer',
    phone_number VARCHAR(15),
    address TEXT,
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
    updated_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
    ON UPDATE CURRENT_TIMESTAMP);
```

- USER_ID: Primary key, auto-incremented.
- ROLE: Determines if the user is buyer, seller or admin.
- EMAIL & PASSWORD_HASH: For authentication.

Q2: Who is your target audience?

Ans: Young, Adults & sports enthusiasts.

Q3: What products / services will you offer?

Ans: Varieties of different kind of products.

Q4: What makes your market place unique?

Ans: 100% authentic products, fast delivery
& exclusive discounts are available.

Q5: What is your business outcome?

Ans: Build customer trust & achieve high sales.

[Business Goals]

--> [Problems]

- customers need authentic products

--> [Target Audience]

Young, Adults & sport enthusiasts

--> [Products / Services]

Electronic, furniture & general

- [Unique Features]
 - Authentic products, fast delivery, discounts
- [Business Outcome]
 - Build trust & achieve high sales

Create a Data Schema

Q: What are the main entities & their relationships?

A: Products, Orders & Customers with Clear Connections.

[Product]

- ID
- Name
- Price
- Stock



[Order] -----> [Customer]

- Order ID
- Product ID
- Quantity
- Variety
-

- Customer
- Name
- Contact info
- Excellent

Q: How

Ans: Design
or
or

Pr