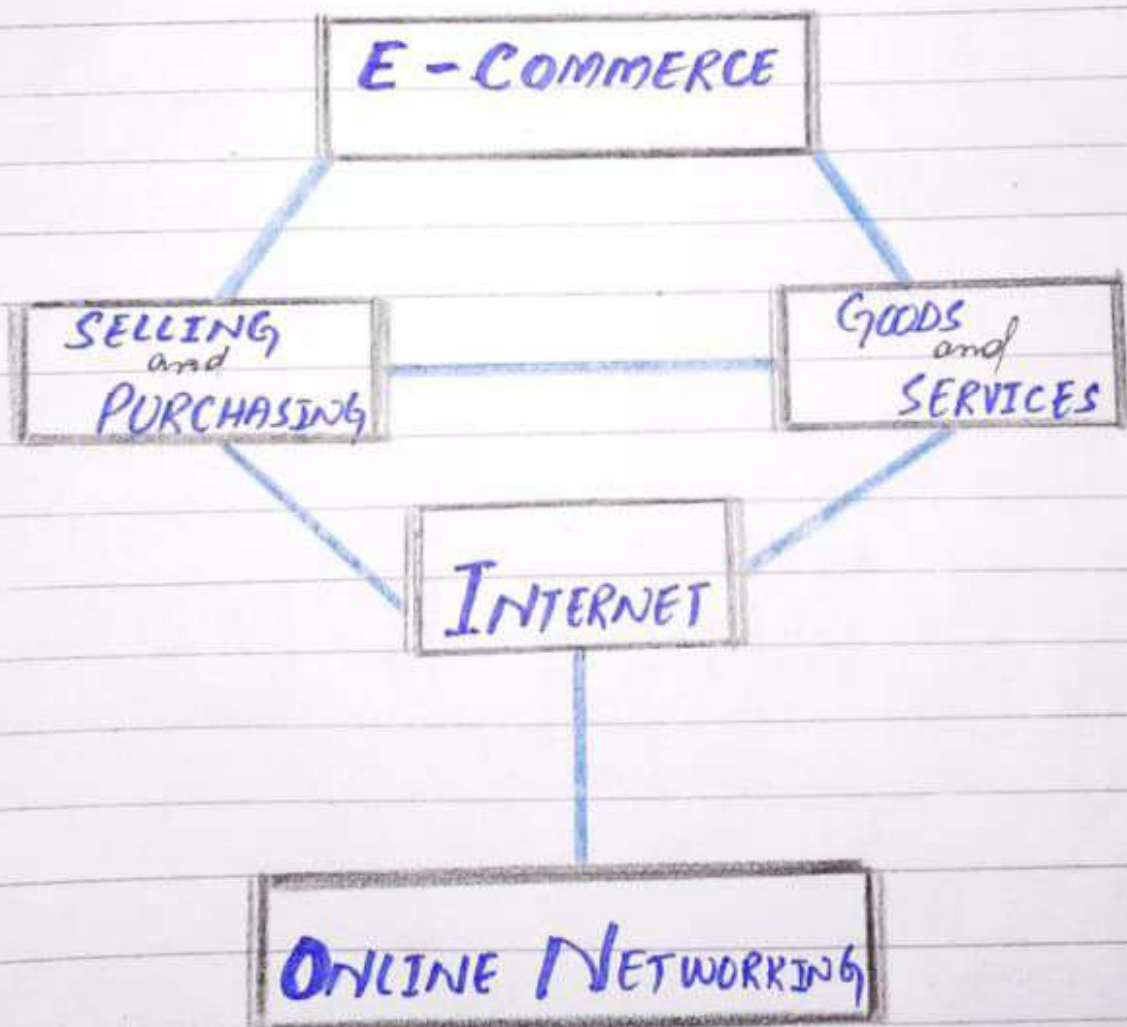# STEP 1:- CHOOSE YOUR MARKETPLACE TYPE.

Marketplace Type:-

I have Choosen E-Commerce as our market place type.

" This platform will facilitate the buying and selling of product online. The focus is on providing a convenient, accessible and fast solution for users to meet their shopping needs through digital platforms "

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            ┌─────────────────┐
            │   E-COMMERCE    │
            └─────────────────┘
           /                   \
┌──────────────┐         ┌──────────────┐
│   SELLING    │─────────│    GOODS     │
│     and      │         │     and      │
│  PURCHASING  │         │   SERVICES   │
└──────────────┘         └──────────────┘
           \                   /
            ┌─────────────────┐
            │    INTERNET     │
            └─────────────────┘
                    │
            ┌─────────────────┐
            │ ONLINE NETWORKING│
            └─────────────────┘
```

STEP: 2. DEFINE YOUR BUSINESS GOALS

Business Goals:-

(A)nswer the following Question about my E-commerce "Furniture website".

Question 1: What Problem does your marketplace solve?

Ans:- My furniture e-commerce website solves the following problems:-

- Meets furniture needs.
- Convenient online shopping from home.
- offers a variety of furniture in one place.
- Save time and efforts.
- Allows comparison and review of furniture.

Question 2:- Who is your target audience?

Ans:- For my furniture e-commerce website, Our target audience may be:-

- Home owners
- Interior designers
- Office managers
- Students
- Families
- Architects
- Urban Residents

Question 3:- What products/services will you offer?

Ans:- My furniture e-commerce website, we can offer:-

Products	Services
• Sofas	• Home delivery
• Beds	• Assembly
• Dining tables	• Customatization
• Chairs	• Warranty Support
• Desks	
• Cabinets	
• Outdoor furniture	

Question 4: What makes your marketplace unique?

Ans: Unique Features:-
- Wide furniture Selection
- Customization Options
- Free delivery and assembly
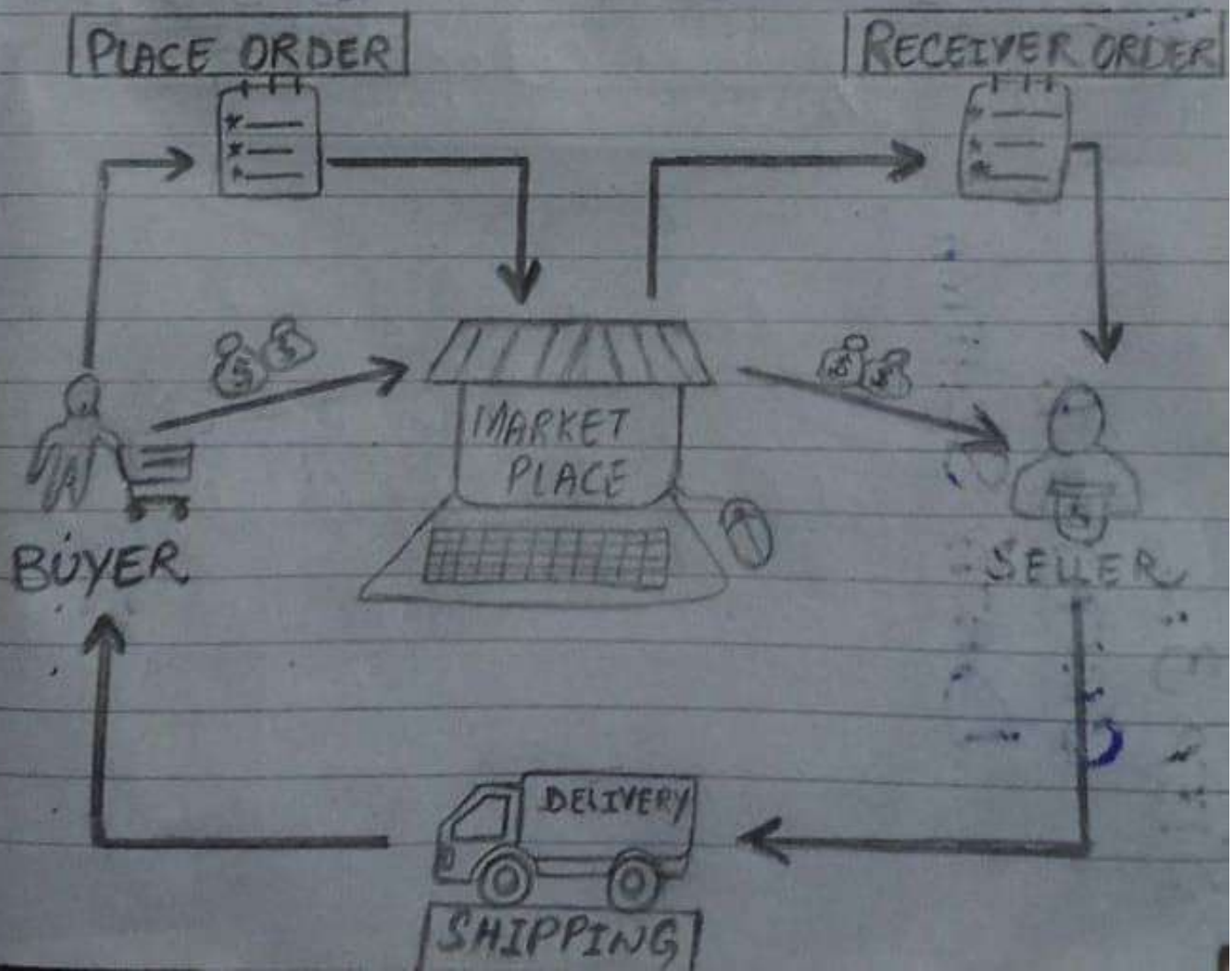- Price match guarantee
- Sustainable and eco-friendly options

Question 5: What is your business outcome?
Ans:- My furniture e-commerce website
bussiness out comes are :-
- Increase online sales
- Attract and retain customers
- Customer Satisfication
- Brand Awareness
- Market Expansion

*Key Performance Indicators:-
- website traffic and engagement
- Sales growth
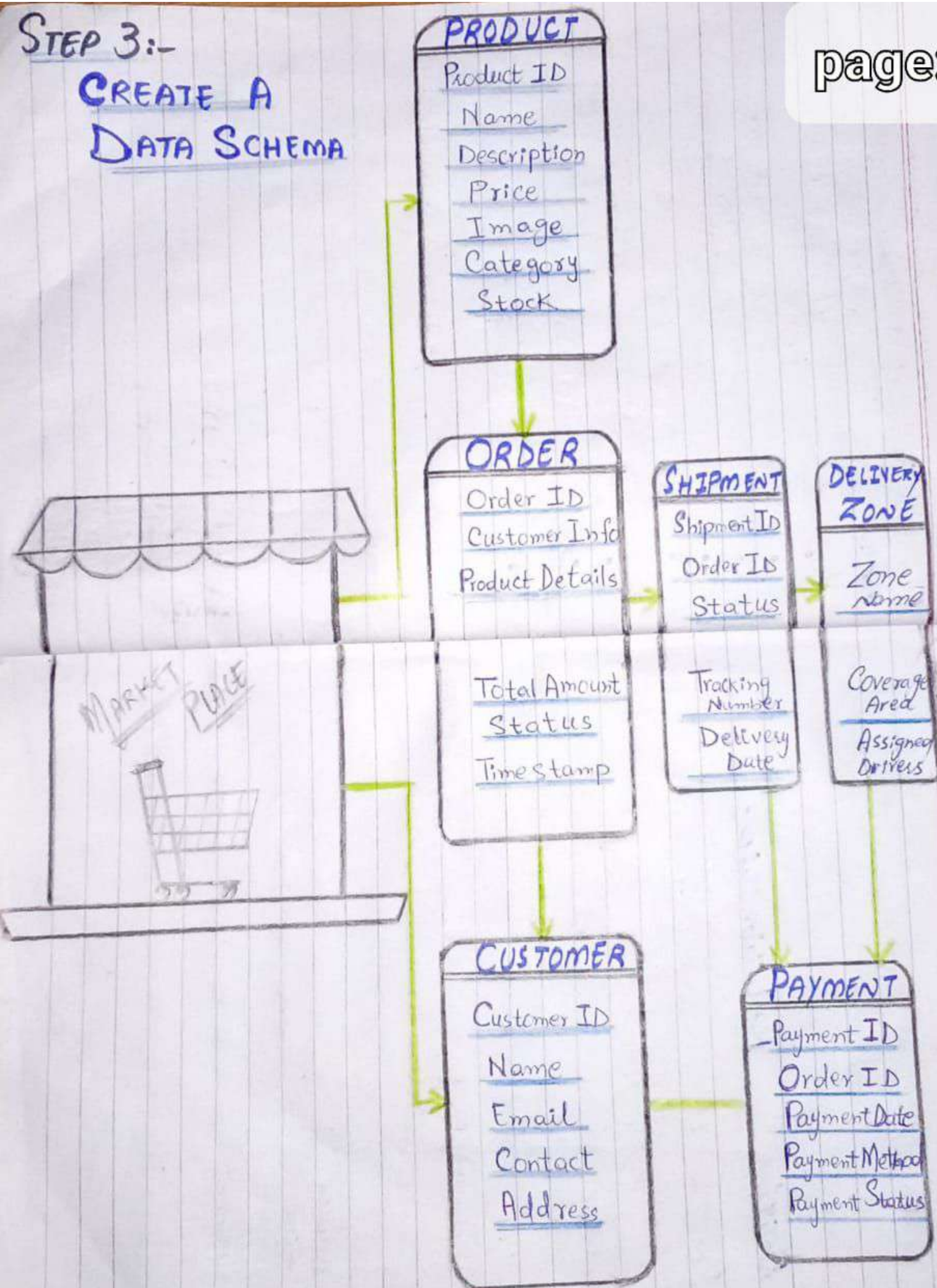- Social media presence
- Revenue growth and profitability

PLACE ORDER   RECEIVER ORDER

MARKET PLACE

BUYER   SELLER

DELIVERY
SHIPPING

STEP 3:-
CREATE A
DATA SCHEMA

PRODUCT
- Product ID
- Name
- Description
- Price
- Image
- Category
- Stock

ORDER
- Order ID
- Customer Info
- Product Details
- Total Amount
- Status
- Time stamp

SHIPMENT
- Shipment ID
- Order ID
- Status
- Tracking Number
- Delivery Date

DELIVERY ZONE
- Zone Name
- Coverage Area
- Assigned Drivers

CUSTOMER
- Customer ID
- Name
- Email
- Contact
- Address

PAYMENT
- Payment ID
- Order ID
- Payment Date
- Payment Method
- Payment Status

MARKET PLACE

Tabular Format (Data Schema)

Data Schema of entities & their relationships:

Entities	Relationships
Product	* Belong to order (many-to-many) * Belongs to Category (many-to-one)
Order	* Contains Product (many-to-many) * Placed by Customer (one-to-many) * Linked to Payment (one-to-one)
Shipment	* Assigned to Order (one-to-one) * Associated with Delivery Zone (many-to-one)
Delivery Zone	* Includes Shipment (one-to-many)
Payment	* Linked to Order (one-to-one)