

Market Place Type:*Task 1:*

General E-commerce:

General e-commerce referce to the buying and selling of Goods and services over the internet online platforms,websites,or maketplaces.General e-commerce can cover physical products,digital goods,and services.

Key Features Of General E-commerce:

1: Online Store fonts:

- Websites show casing products with descriptions,images and prices.

2: Secure payment processing:

- integration of multiple payment options
(credit/debitcards,digital,wallets,net bating.

Business Goal:

when defining business goals for a chair,product,its essential to address specific customerproblem and market demands.

Customer Problem to solve:

1: Comfort:Relief from backpain with ergonomic designs.

2: Space saving:Compact, fordable options for small spaces.

3: Style:Modern,customizable designs for home and office.

4: Durability: Long-lasting quality materials.

5: Affordability:High-quality chairs at reasonable prices.

6: Sustainability:Eco,friendly,recyclable materials.

solving these problems will attract customers seeking comfort,functionality,and value.

Target Audience:

Young Professionals and students working long hours at desks.

Service and Product Offering:

For youngProfessionals and students working long hours at desks,offer chairs designed to promote proper posture,reduce back pain,and enhance comfort.The product can include adjustable height,so Additionally,provide a subscription service for regular chair maintainance,offering repairs,upgrades,or replacement for outprts.A personalized service can also be included to help customers select the right chair for their specific work needs.

Unique Marketplace:

Marketplace will be different from others by offering a highly personalized shopping experience focused on individual comfort and health needs.An Additionally,marketplace will provide customization options for every chair,such as color and fabrics.but i will also offer a unique buy program with a 30 days home trial, allowing customers to experience the chair.

Order Base:

For young professionals and students working long hours at desks,the order base will be online through a user-friendly website.

Delivery Process:

Chairs will be delivered directly to customer's homes or workspaces.Delivery will

be tracked and include assembly option ,where customers can choose to have their chairs professionally set up upon arrival.

Data Schema For The Marketplace:

1: Product:

Product_id:

name:

description:

price:

currency:

color:

reviews:

images:

2: Order:

order_id:

order_date:

Customer_id:

name:

email:

Phone:

Shipping_address:

billing_address:

3: Customer:

Customer_id:

first_name:

last_name:

email:

phone:

gender:

"address":

address_id:

type:

street:

city:

state:

Zip:

country:

payment_method:

type:

card number:

expiray_date:

4: Shipping:

Shipping_id:

order_id:

shipping_method:

tracking_number:

estimated_delivery_date:

shipping_cost:

shipping_address:

address_id:

street:

city:

Zip:

Country:

5: Deliery Zone:

Zone_id:

Zone_name:

Zone_description:

available_areas:

area-id:

area_name:

city:

country:

Delivery_method:

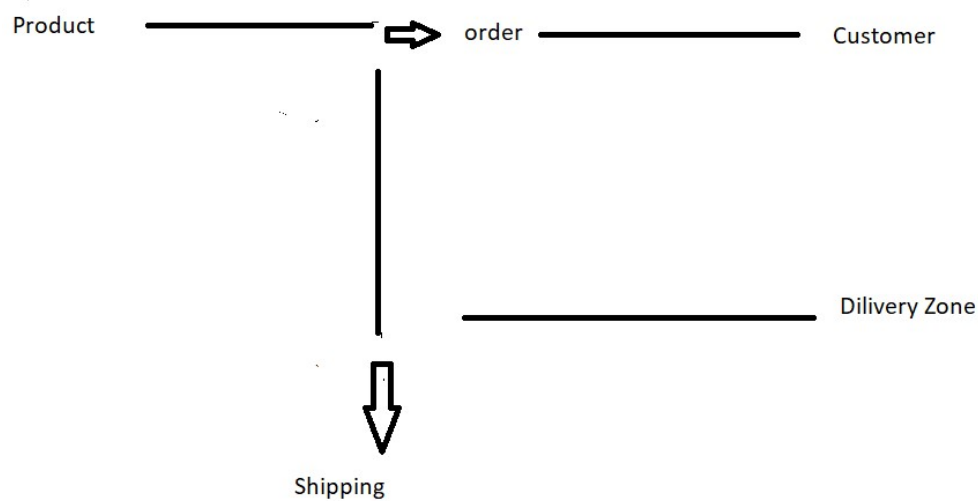
method_id:

method_name:

dilivery_time:

cost:

Diagram:



Here is a short diagram the relationships between the product,order,customer,shipping and delivery zone data schemas.

- product is related to order .
- order connects to both customer and shipping .
- shipping is related at delivery zone.

