

HACKATHON - 01

* Choose your Marketplace

(Speakers And E-commerce (Niche)
bluetooth speakers)

* Primary purpose:

The primary purpose of building an e-commerce website is to create good opportunities for people and make it easier to buy and sell products online without any inconvenience and trouble.

* What Problem does it Aime to solve.

The problems an e-commerce store aims to solve by:

1) giving access to products regardless of location

2) ~~can~~ * can do shopping for 24/7 at a customer's convenience

and bluetooth speakers
3) providing a convenient and accessible way for customers to purchase goods or any services online.

* Target Audience :
Music Enthusiasts
Young Adults and Students
Fitness and health enthusiasts
Business Users
Older Adults.

* What Products to Offer :

For Niche e-commerce marketplace it is essential to choose 1 or ~~more~~ 2 niche items to grow, as for my marketplace, it will offer a great variety of smart watches and bluetooth speakers which can engage people to buy high quality product

* Why My Marketplace is Unique.

- Speed: Simplify the purchasing process with secure and one click checkouts ensuring fast delivery.
- Affordability: Adjust pricing on demands or offer flash sales or offer package bundles to ensure the customers are satisfied.
- Customization: Can let customers customize products such as for smart watches, customers can change the colour for the straps and can change the dial's design or choose themes with AI assistance.
- For Tech: Allow Users to view their product virtually or integrate voice enabled search to enhance the usability and experience.

Data Scheme

1- Product's Data :

3.

{
Product ID: Id of every product
Product Name: name of product.
Product Slug: Product slug.
Product Price: price of product
Items in Stock: stock item
Category: category
}

2- Order's Data:

4.

{
Order ID: order id
Product ID: product id
Customer ID: customer id.
Quantity: purchases of product
Status: current status.
Total price: final price of product.

5

3. Customer Data :

{

Customer ID: id of customer

Name : customer name

Email : email

Contact No : phone number

Address : home address

Order ID: order ID.

}

4. Delivery Zones:

{

Zone Name : name of delivery zone

Coverage Area : postal code

Assigned Drivers : detail of drivers

}

5- Shipment:

{

Shipment ID: unique id

Order ID : id of order

Status : current status

Delivery Date : actual delivery date

}

[Products]

- ID

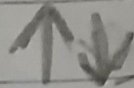
- Product Name

- Slug

- Stock

- Category

- Price



[Orders]

- ID

- Product ID

- Customer ID

- quantity

- Pricing

- Orders

[Customers]

- ID

- Name

- Phone, Email

- Address

[Delivery Zone]

- Zone Name

- Coverage Area

- Assigned driver

[Shipment]

- ID

- Order ID

- Status

Relationship.

- Seller: A seller can have multiple products, can handle many orders and can have multiple delivery zones.
- Product: each product is associated with one seller, a product can be part of multiple orders.
- Customers: a customer can place multiple orders but each order belongs to single customer and a customer belongs to one delivery zone.
- Orders: an order can contain multiple products and a product can appear in multiple orders.
- Delivery Zone: delivery zone can cover multiple sellers and a delivery zone can serve multiple customers.