

Marketplace Builder Hackathon :

Day 1 Laying The Foundation For Your Marketplace Journey :

Step 1 : Develop a general E-Commerce web platform for electronics.

Step 2 : What problem does the marketplace solve:

- 1 - Time-Efficient : Provides same-day delivery options for select products.
- 2 - Convenience : Allows users to shop for electronics online,eliminating the need to visit physical stores.
- 3 - Custom-Friendly : Ensures hassle free returns and warranty services for damaged or faulty products.
- 4 -Cost Saving : Discounts and free delivery offers on products .

Step 3 : Business Goal:

Problem: Customers need reliable,affordable, and high-quality electronic products.

Products/Service:Mobile accessories,Laptops,Computers and other related

electronics items.

Target Audience: Young,Adults and Professional workers age between (15 -49) years.

Business Outcome: Build long-term customer trust,increase sales and create a sustainable and stable buusiness model.

Data Schema:

Products :

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Data Schema:

Products :

- Product ID
- Product Name
- Product Category
- Product Description
- Product Price
- Product Availability
- Product Warranty Period
- Product Rating

Order :

- Order ID
- Customer ID
- Order Date

Total Amount

- Delivery Status
- Product ID

- Quantity
- Price Per Unit
- Sub Total

Customer :

- Customer ID
- Customer Name
- Customer Phone Number
- Customer E-Mail
- Customer Address
- Registered Date

Delivery :

- Delivery ID
- Delivery ID

- Quantity
- Price Per Unit
- Sub Total

Customer :

- Customer ID
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Delivery :

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- Order ID
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- Delivery Address

Day 2 Planning Technical Foundation :

User : Performs actions like browsing products or placing an order.

Fronted (Next.js) : Sends user actions to the backend and third-party API's.

Sanity (CMS) : Manages and stores all order and product data.

Third Party (API's) : Handle shipment tracking and payment processing.

Shipment Tracking : Provides real-time delivery updates to the fronted.

Payment Gateway : Processes payments and sends confirmation back.