

HACKATHON-03

DAY-01

MY MARKETPLACE JOURNEY

STEP 01: Choose Your Marketplace Type

Primary Purpose

- **Objective:** To create a versatile platform where people can buy and sell a wide variety of products, making shopping more accessible and enjoyable.
- **Key Offerings:** Electronics, fashion, household items, beauty products, and groceries.

STEP 02: Define Your Business Goals

What problems does your marketplace aim to solve?

Shopping shouldn't be a hassle—jumping between multiple websites, comparing prices, and stressing over payment security can be frustrating. That's why we've created a seamless shopping experience where you can find everything you need in one place—electronics, fashion, groceries, and more—all under one roof.

For businesses, we're making it easier than ever to connect with more customers without breaking the bank. Our secure payment options and transparent policies help build trust, so you can focus on growing your business with confidence.

Who is your target audience?

1. Urban Professionals:

Life moves fast, and so do they. With packed schedules, they need a hassle-free way to shop. Our platform offers a wide selection, competitive prices, and a smooth, user-friendly experience—so they can find what they need in just a few clicks.

2. Students and Young Adults:

Staying on trend doesn't have to drain their wallets. We make shopping smart and fun with personalized recommendations, exclusive deals, and budget-friendly options—helping them get the latest must-haves without overspending.

3. Small Business Owners:

Running a business is tough, but reaching customers shouldn't be. We give entrepreneurs the tools they need to manage inventory, accept secure payments, and market their products—so they can focus on growing their brand.

4. Global Shoppers:

For those who love discovering unique products from around the world, we make it easy. With global shipping, secure payment options, and a vast selection of international brands, shopping beyond borders has never been more convenient.

What products or services will you offer?

1. Electronics:

Stay connected and up to date with the latest gadgets. Whether you're looking for a new phone, a powerful laptop, or must-have accessories, we've got everything to make life smoother, smarter, and more convenient.

2. Clothing & Fashion:

From everyday essentials to statement pieces, we bring you stylish outfits and trendy accessories for every occasion—without stretching your budget. Looking good has never been this easy or affordable!

3. Household Items:

Turn your house into a home with our wide range of kitchenware, furniture, and cleaning essentials. Whether you're organizing, decorating, or upgrading, we've got what you need to make everyday living simpler and more comfortable.

What will set your marketplace apart?

1. Trust & Security:

Shopping online should feel safe and stress-free. That's why we've built a secure platform with protected payments, buyer guarantees, and transparent seller ratings—so you can shop with confidence, knowing your purchases are in good hands.

2. Wide Product Variety:

From daily essentials to one-of-a-kind finds, we bring everything together in one easy-to-browse marketplace. No more hopping between websites—just a seamless shopping experience that saves you time and effort.

3. **Affordability:**

Great products shouldn't come with a hefty price tag. We're committed to offering competitive prices, exciting discounts, and bulk-buying deals—so you can get more of what you love without breaking the bank.

STEP 03: Create a Data Schema

Products:

Everything you can buy or rent on our platform—from the latest gadgets to fashion, home essentials, and more—all in one place.

Orders:

Every purchase made on our platform is tracked with a unique order ID, making it easy to manage past and current transactions.

Customer Support:

We're here to help! Whether it's a question, a return, or an issue with an order, our support system ensures quick and hassle-free resolutions.

Shipment & Tracking:

Know exactly where your order is at every step. From carrier details to real-time tracking updates, we keep you informed until your package arrives.

Payments:

A secure and seamless way to pay. We track all transactions and payment statuses, ensuring a smooth checkout experience every time.

2. Draw Relationships Between Entities.

[Product]

(Description , Image, Stocks, Title, Pricing)

|

|

[Orders]

Order Id

Customer ID



[Customer Support]

Support Ticket ID

Customer ID

Order Date
Order Status
Product List

|
|

[Payments]
Payment ID
Customer ID
Payment Method
Payment Amount



Order ID
Feedback/Rating
Refund/Return Status

[Shipment and Tracking]
Shipment ID
Shipping Carrier
Shipment Status
Shipment Date

3.Focus on Key Fields for Each Entity



Product – Everything You Need to Know About an Item

- Product ID – A unique identifier for each product.
- Title – The product’s name, making it easy to find.
- Description – A detailed breakdown of features and benefits.
- Images – High-quality visuals for a better shopping experience.
- Stock Quantity – Real-time availability updates.
- Pricing – The selling price, including discounts and special offers.



Orders – Tracking Every Purchase

- Order ID – A unique identifier for each order.
- Customer ID – Links the order to the buyer.
- Order Date – When the order was placed.
- Order Status – Whether it’s pending, shipped, or delivered.
- Product List – The items included in the order.



Customer Support – Ensuring a Smooth Shopping Experience

- Support Ticket ID – A unique reference for each issue.
- Customer ID – Identifies the customer raising a concern.
- Order ID – Links the issue to a specific order.

- Refund/Return Status – Tracks whether a request has been processed.
- Feedback/Rating – Helps improve service based on customer experience.

Payments – Secure and Seamless Transactions

- Payment ID – A unique transaction reference.
- Order ID – Connects the payment to an order.
- Customer ID – Identifies the person making the payment.
- Payment Method – Credit card, PayPal, or other options.
- Payment Amount – The total paid by the customer.

Shipment & Tracking – Keeping Customers Informed

- Shipment ID – A unique tracking number for each package.
- Shipping Carrier – The logistics provider handling delivery.
- Shipment Status – Whether it's in transit, out for delivery, or delivered.
- Shipment Date – When the order was dispatched.