

. Marketplace Overview

- **Name:** HN STORE
- **Niche:** Fashion
- **Business Model:** B2C (Business-to-Consumer)
- **Target Audience:** General consumers, online shoppers, and retail buyers
- **Revenue Model:** Direct sales, commissions from sellers, and ads

2. Business Goals

- Offer a seamless online shopping experience
- Provide a diverse product range with competitive pricing
- Ensure fast and secure transactions with multiple payment methods
- Optimize logistics for efficient deliveries

3. Data Schema (Basic Structure)

Users Table

- id (UUID)
- name (String)
- email (String, unique)
- password (Hashed)
- role (Customer, Seller, Admin)
- address (String)
- phone_number (String)

Products Table

- id (UUID)
- name (String)
- description (Text)
- price (Decimal)
- category_id (Foreign Key)
- stock (Integer)
- Sizes
- colors

- image_url (String)

Orders Table

- id
- user_id
- total_price
- status
- created_at

Payments Table

- id (UUID)
- order_id
- payment_method
- status
- transaction_id

- ✓ Product catalog with search and filtering
- ✓ Cart and checkout functionality
- ✓ Payment integration
- ✓ Order tracking system
- ✓ Customer reviews and ratings
- ✓ Seller dashboard for product management