



Marketplace-Technical-Foundation ---- ShopifyX

A Shopify-Inspired Marketplace
A feature-rich e-commerce platform designed to provide a seamless shopping experience with intuitive navigation, fast performance, and a modern UI. Users can explore products, categories, and discounts while enjoying a smooth and efficient interface.

✂Technologies & Tools Used

- Frontend:
 - Next.js(SSR & SSG for SEO optimization)
 - Tailwind CSS(modern & responsive UI)
- Backend:
 - Sanity(Headless CMS for product management)
 - Fake API(Temporary data for testing)
- Sate Management:
 - Zustand(Lightweight and efficient global state management)
- Authentication:
 - Clerk(Secure login & signup system)
- Payments:
 - Stripe(Fast and secure transactions)

🎯Core Features

- 1** Navigation Bar & Logo
 - Clean and structured navbar for easy navigation.
 - Logo placement for brand identity.
- 2** Login System
 - Secure authentication using Clerk for user sessions.
- 3** Store Page
 - Dynamic product display fetched from Sanity or Fake API.
- 4** Categories & Products
 - Well-organized product listings for seamless browsing.
- 5** Cart System
 - Add, remove, and update items in the cart using Zustand.
- 6** Wishlist
 - Save favorite products for future purchases.
- 7** Order List & History
 - Users can view past orders and track purchases.
- 8** Discount Banner
 - Highlights ongoing sales and special offers.
- 9** Footer Section
 - Company details, policies, and social media links.

🔧 Development Process

- Planned for **scalability** with a structured, pixel-perfect design.
- Integrated **frontend & backend** for smooth data flow.
- Utilized **Zustand** for managing cart, wishlist, and user sessions efficiently.
- Implemented **Stripe** for secure and hassle-free payments.
- Ensured **full responsiveness** across all devices.

Progress Report

- Day 2 - Next.js Setup
- Project structured with **Next.js & Tailwind CSS**
- Implemented **Navbar, Routing, and Authentication** with Clerk
- Started developing **Cart, Wishlist, and Checkout Functionality**

⚡Conclusion

This marketplace e-commerce website offers a **seamless shopping experience** with smooth performance, easy navigation, and essential features like authentication, cart, wishlist, order tracking, and secure payments.

Designed for **scalability**, this project ensures a **reliable, user-friendly platform** that can evolve and grow over time, providing high-quality service and an engaging shopping experience.