

Technical Requirements Overview

Frontend Development

For the frontend of the marketplace, I have utilized Next.js to create a dynamic and responsive user interface. The key features include:

User -Friendly Interface: The design prioritizes ease of navigation, allowing users to browse products effortlessly.

Responsive Design: The application is optimized for both mobile and desktop users, ensuring a seamless experience across devices.

Essential Pages:

Home Page: A welcoming landing page showcasing featured products and promotions. Product Listing Page: A comprehensive view of all available products with filtering and sorting options. Product Details Page: Detailed information about individual products, including images, descriptions, and reviews. Cart Page: A user-friendly cart interface for reviewing selected items before checkout. Checkout Page: A streamlined process for completing purchases. Order Confirmation Page: A confirmation screen that summarizes the order details post-purchase. About Page: Information about the marketplace and its mission. Contact Page: A section for users to reach out with inquiries or support requests. Account Page: A user profile area for managing personal information and order history.

2. Backend Management with Sanity CMS

For backend management, I have implemented Sanity CMS to effectively handle product data, customer information, and order records. Key aspects include:

Data Management: Sanity serves as the primary database for the marketplace, allowing for easy updates and management of product listings and customer details.

Schema Design: I have focused on designing schemas within Sanity that align with our business goals, ensuring that all necessary data points are captured and easily accessible.

3. Third-Party API Integrations

To enhance functionality and streamline operations, I have integrated the following third-party APIs:

Shipment Tracking: Integrated Ship Engine for real-time shipment tracking, providing users with updates on their order status.

Payment Gateway: Utilized Stripe as the payment gateway, ensuring secure and efficient processing of transactions.