

# Marketplace Technical Foundation

E-Commerce - Selling Furniture Website

## Technical Requirements

### Frontend:

User-friendly interface for browsing products.

Responsive design for mobile and desktop users.

Essential pages: Home, About, Contact, Blog, Product Listing, Product Details, Cart, Checkout, and Order Confirmation, User Profile.

Programming Language Used. Next JS, Typescript / JavaScript, Tailwind CSS, CSS3, HTML5.



Next JS



Typescript



JavaScript



Tailwind CSS



CSS



HTML



Responsive



User Friendly

### Backend:

Sanity CMS to manage product data, customer details, and order records. Sanity acts as the database for your marketplace.

# SANITY

### Third-Party APIs:

#### 1. Payment Gateways:

- Alfa Payment Gateway Bank Alfalah Limited
- HBLPay Checkout HBL
- MCB eGate MCB Bank Limited

#### 2. Products Delivery Services:

- Personal Vehicle or Delivery Partnership.

#### 3. User Authentication:

- Authentication for sign-in/sign-up.

#### 4. Order and Delivery Tracking:

- APIs like Shippo for real-time order updates.

#### 5. Maps and Location Services:

- Google Map API.

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Saturday - 2 to 5

# System Architecture Overview



