



HACKATHON 03

DAY 04

Mastering the Essentials of a Dynamic Marketplace

Discover the key components of a modern, scalable marketplace, designed for modularity, seamless integration with Sanity CMS, and exceptional user experiences.

Step 1: Core Features Breakdown

- Trending Products Section
- Product Detail Pages
- Dynamic URL Routing
- Smart Shopping Cart
- Streamlined Checkout Process
- Automated Price Calculations

Each feature is crafted to ensure responsiveness, scalability, and user satisfaction.

Step 2: Detailed Overview of Functionalities

1. Trending Product Highlights

This section showcases the most popular and in-demand products based on user behavior, ratings, and sales trends. By curating top-performing items, it ensures customers can easily find and explore the best offerings.

Top Picks For You

Find a bright ideal to suit your taste with our great selection of suspension, floor, and table lights.



Chair Wibe
Rs. 1200



Armchair Chair Set
Rs. 850



Pink Lounge Chair
Rs. 1600



Hans Wegner Style Three-Legged Shell Chair
Rs. 990



Diondre Chair
Rs. 720

2. Product Catalog Page

The Product Catalog Page acts as the central hub for users to browse all available items. Products are dynamically fetched from Sanity CMS and organized into categories (e.g., furniture, electronics, apparel) for easy navigation. The layout is customizable, offering grid or list views to suit user preferences.



Hans Wegner Style Three-Legged Shell Chair
\$990



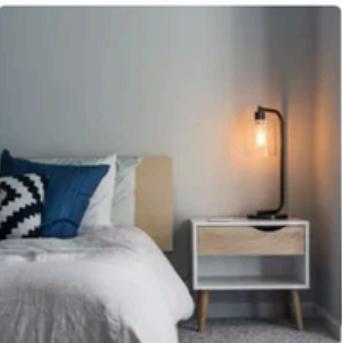
Nautilus Lounge Chair
\$1450



High Quality Modern Sofa
\$150



Leisure Sofa Chair Set
\$1800



Matilda Velvet Bed
\$600



Red Bed
\$320



Blue Bed
\$780



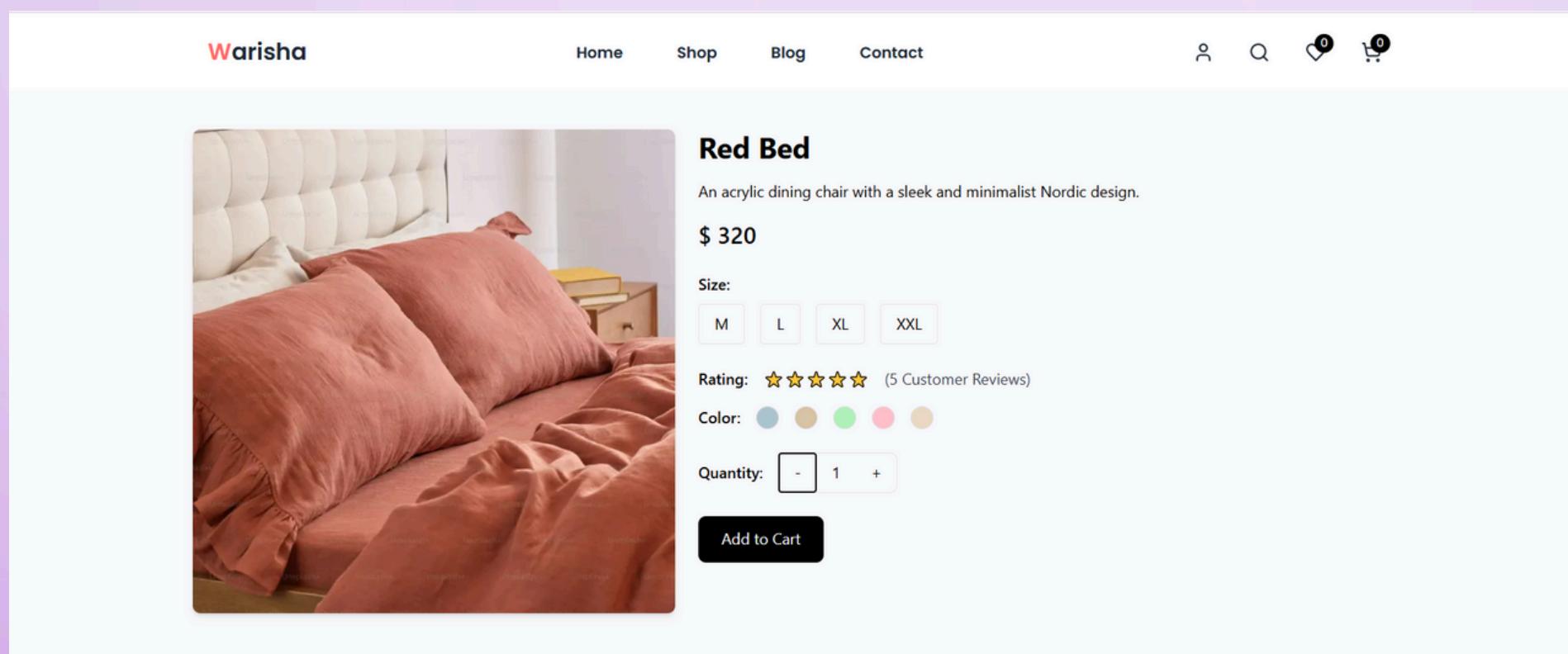
Nautilus Lounge Chair
\$1450

3. Dynamic URL Management

Dynamic routing enables the creation of unique, SEO-optimized pages for each product

Key Features:

- Each product is assigned a unique identifier (ID or slug) to generate its URL (e.g., /product/[id]).
- Pages are server-rendered for faster loading and improved search engine visibility.
- Displays comprehensive product details, including descriptions, images, pricing, availability, and customer reviews.
- Automatically scales to accommodate new products without manual updates.



4. Interactive Shopping Cart

The cart functionality ensures a smooth shopping experience by managing user selections and calculating costs in real-time.

5. Pagination System

The pagination system enhances navigation by dividing products into multiple pages, allowing users to browse efficiently without overwhelming the interface. It ensures a seamless experience by dynamically loading content while maintaining performance.

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High Quality Modern Sofa
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\$1800

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Links

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Highlights:

- Add or remove items directly from product listings or detail pages.
- Real-time updates for item quantities and total pricing.
- Mini-cart provides a quick overview, while the full cart page allows for detailed edits.
- State management tools (e.g., React Context, Redux) maintain cart consistency across the platform.
- Cart data is stored locally or in session storage to retain information during page refreshes.
- A sidebar component offers easy access to the cart without interrupting the shopping journey.
- Seamless pagination ensures smooth navigation between product pages without reloading the entire site.

This guide outlines the foundational elements of a dynamic marketplace, ensuring a seamless, engaging, and scalable experience for both users and developers.