

System Architecture Document for E-Commerce Website

Overview

This document describes the system architecture for an e-commerce website with components: **Home, About, Contact, Shop, Cart, Checkout, Blog, Single product, and My Account** .

Home Page

- The landing page it welcomes visitors, showcasing featured products, promotions, and latest blog posts.

About

Provides company information and values , helping to build trust and brand identity with potential customers.

Contact

Offers various means for customers to reach out, including contact forms, email addresses, phone numbers, and physical addresses, facilitating customer support and inquiries.

Shop

Displays the range of products available for purchase

Show products dynamically using the Product API.

Users can filter, search, and sort products.

Clicking on a product shows detailed information and an "Add to Cart" option.

Cart

Allows users to view and manage the items they intend to purchase, showing product details, quantities, and total prices, and providing options to update or remove items.

Checkout

Guides customers through the process of finalizing their purchases, collecting shipping and payment information, and confirming orders securely.

Blog

Features articles related to your products, industry trends, or company news, offering valuable content to engage and inform your audience, and improving SEO.

My Account

Enables registered users to manage their personal information, view order history, track shipments, and access personalized settings, enhancing user experience and loyalty.

Single product

Displays detailed information about a specific product, including images, descriptions, pricing, and customer reviews. It also includes an "Add to Cart" option for quick purchasing.

These components work together to create a comprehensive and user-friendly e-commerce platform, facilitating seamless navigation, informed purchasing decisions, and efficient customer service.



