

DAY 4 - DYNAMIC FRONTEND COMPONENTS

Introduction

This report highlights the key features and functionalities I developed for my e-commerce website. The project is built using **Next.js** for the frontend, **ShadCN** for enhanced UI components, and **Sanity CMS** for content management and API integration. The website focuses on **furniture and interior design**, aiming to deliver a seamless shopping experience.

Here's a detailed outline for your report content, including descriptions of each feature and how you implemented them:

Report on My E-Commerce Website Development

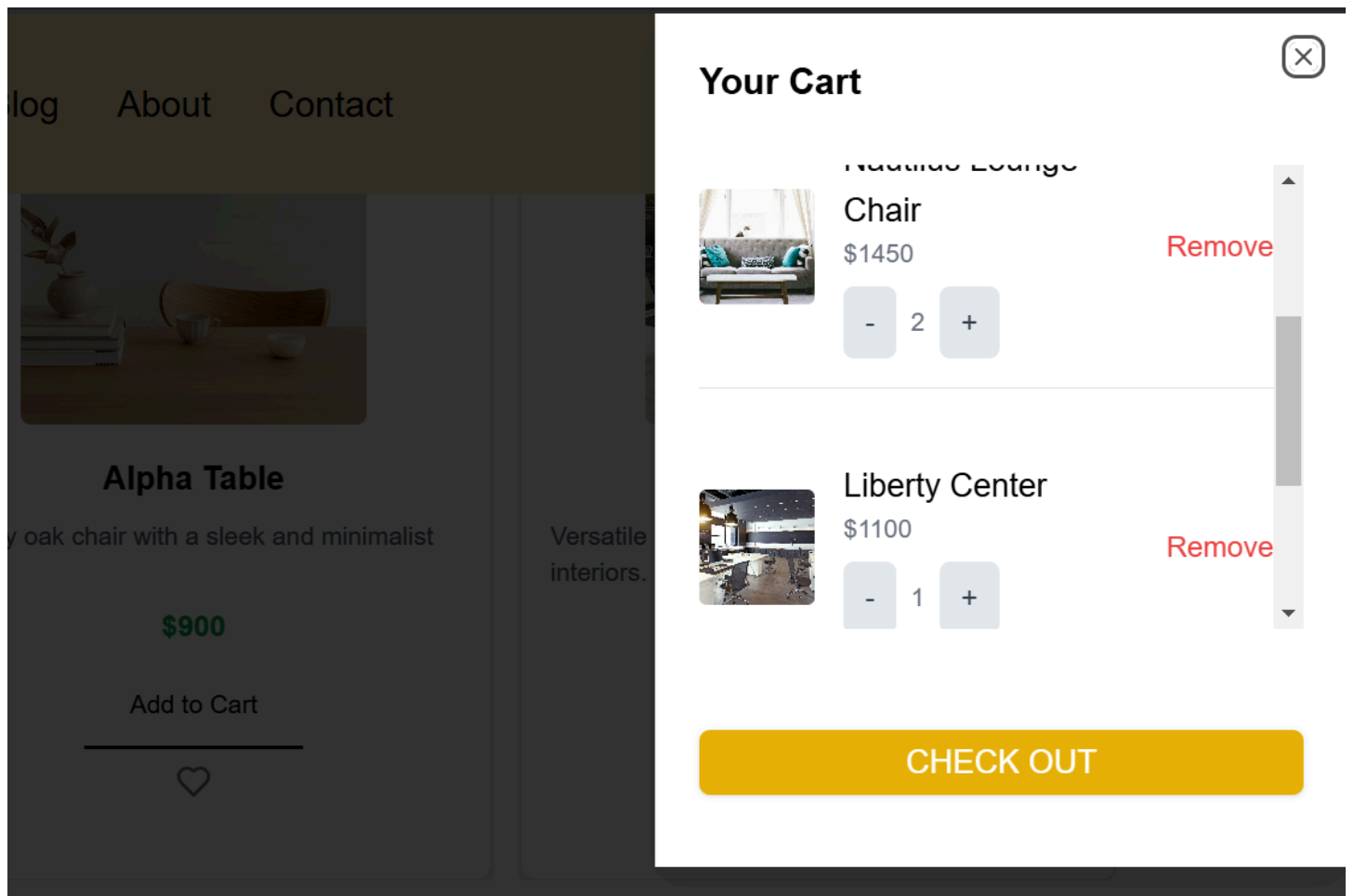
Introduction

This report highlights the key features and functionalities I developed for my e-commerce website. The project is built using **Next.js** for the frontend, **ShadCN** for enhanced UI components, and **Sanity CMS** for content management and API integration. The website focuses on **furniture and interior design**, aiming to deliver a seamless shopping experience.

1. Cart Functionality

The cart functionality allows users to add, remove, and view products in their shopping cart. Key highlights include:

- **State Management:** Implemented using **Zustand** for efficient and scalable state management.
- **Dynamic Updates:** Products added or removed from the cart are reflected in real-time, ensuring a smooth user experience.
- **Integration with Sanity:** Product data, including pricing and stock levels, is fetched dynamically from Sanity CMS.
- **Responsive UI:** The cart design is responsive, offering optimal usability across devices.



2. Dynamic Routing

Dynamic routing was implemented to create product-specific pages and handle navigation seamlessly. Key aspects include:

- **[Dynamic Routes]:** Used Next.js dynamic route generation (`[slug].js`) to display individual product details.
- **Enhanced SEO:** Routes are optimized for search engines, ensuring better visibility for products.
- **User-Friendly Navigation:** Each product page includes clear breadcrumbs for better navigation.

Example URL Structure:

- `/products/modern-sofa`
- `/products/vintage-lamp`



Matilda Velvet Bed

Rs. 600

A vibrant pink velvet chair with a retro-inspired design.



Add to Cart

400 University Drive Suite 200 Coral
Gables,
FL 33134 USA

Links

[Home](#)
[Shop](#)
[About](#)

Help

[Payment Options](#)
[Returns](#)
[Privacy Policies](#)

Newsletter

Enter Your Email Address

SUBSCRIBE

4. Search Functionality

A search icon and functionality were added to help users quickly find products.

