

Day 4: Dynamic Frontend Components - Furniture Market

Overview

On Day 4, I focused on building dynamic and reusable components to display marketplace data fetched from Sanity CMS. These components are modular, highly responsive, and designed to enhance the user interface, making the website more user-friendly and scalable.

Tasks Completed on Day 4

- 1. Data Fetching and Dynamic Components:**
 - Fetched data from Sanity CMS and built dynamic components to display it correctly on the product listing page.
- 2. Add to Cart Functionality:**
 - Enabled users to add items to their cart and provided the option to remove items as needed.
- 3. Responsive Design:**
 - Ensured all pages are fully responsive, providing an optimal viewing experience across all devices.
- 4. Payment Integration:**
 - Successfully integrated Stripe for payment processing, enabling secure and efficient transactions.

Key Components Constructed

1. Product Listing Page

- Developed a dynamic component to display product data fetched from Sanity CMS.
- Rendered the data in a responsive grid layout for an organized and visually appealing presentation.

2. Add to Cart and Checkout

- Implemented functionality for users to add or remove items from their cart.
- Developed a checkout page with a form for order placement.

3. Responsive Design

- Ensured all components and pages are fully responsive for a seamless experience on all devices.

4. Stripe Payment Integration

- Integrated Stripe to handle secure payments, ensuring a smooth checkout process for users.

Conclusion

By completing these tasks, I successfully built a dynamic, user-friendly, and scalable e-commerce platform. The integration of Sanity CMS, Stripe payments, and responsive design ensures a seamless experience for users while maintaining scalability for future enhancements.