

Day 04: Implementation of Dynamic Frontend Components for E-Commerce

Implemented Features

1. **Product Listing Page:**
 - Successfully fetched and displayed dynamic product data from **Sanity CMS**.
 - Ensured seamless integration with the API for real-time updates.
 2. **Product Detail Pages:**
 - Implemented dynamic routing to display individual product details based on their unique IDs.
 - Data is accurately rendered for each product.
 3. **Additional Features:**
 - **Pagination:** Added for improved navigation across large datasets.
 - **Related Products:** Displayed on product detail pages to enhance user experience.
 4. **Styling and Responsiveness:**
 - All components styled with **Tailwind CSS** for a clean and professional look.
 - Ensured responsiveness across various devices, including desktops, tablets, and smartphones.
 5. **Modular Components:**
 - Built reusable components such as Header, Footer & reusable components on landing page.
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Submission Deliverables

1. **Screenshots and Recordings:**
 - Product listing and detail pages with dynamic data..
 - Related products displayed on detail pages.
 - Add to cart functionality.
 2. **Code Snippets:**
 - Key components: ProductCard, ProductList, product, Header and footer.
 - API integration and dynamic routing logic.
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