

Hackathon Day 4: Building Dynamic Frontend Components

Object : Focusing on designing dynamic frontend components to display marketplace data from Sanity CMS or APIs, with an emphasis on modular, reusable design and scalable, responsive web practices

Key Components to Build

- **Product listing component**
- **Product Details Component**
- **Notification**
- **Cart Component**

Detail Functionality Overview

1-Product Listing Component

The Product Listing Component dynamically fetches product data such as names, prices, images, and categories from Sanity CMS. It displays this data in a responsive grid layout features

All Products



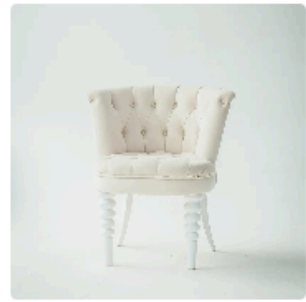
Library Stool Chair
\$20



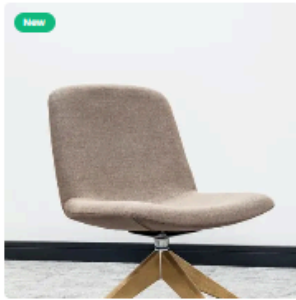
Library Stool Chair
\$20



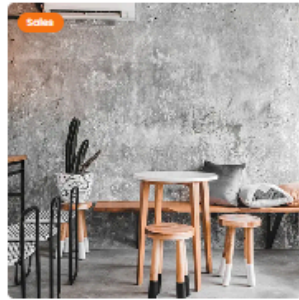
Library Stool Chair
\$20



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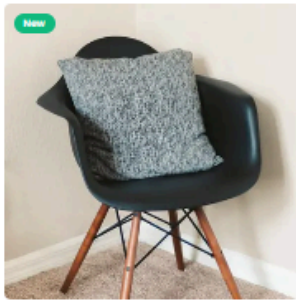
Library Stool Chair
\$20



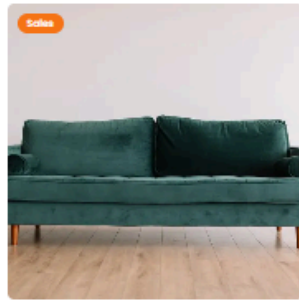
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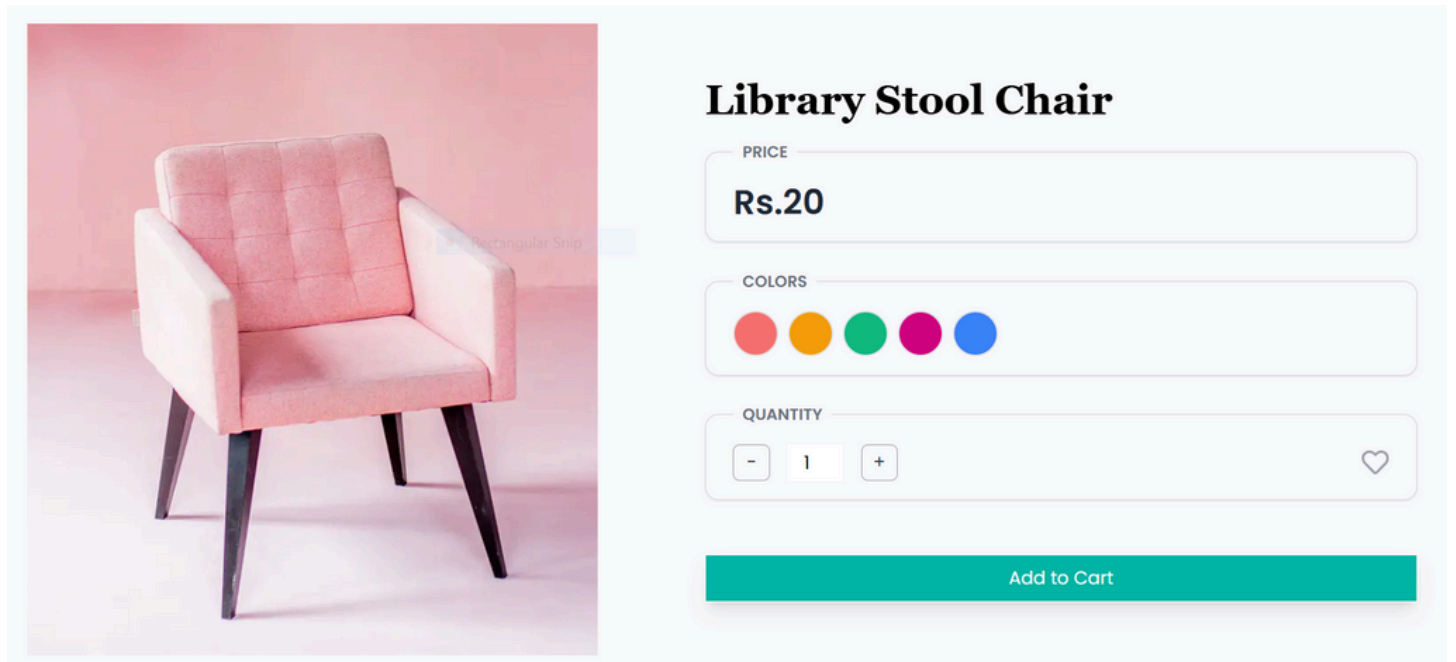
2-ProductDetail Component

Dynamic Routes in Next.js refer to routes where part of the URL is variable or dynamic. These routes are not statically predefined; instead, they change based on parameters passed in the URL.

Dynamic routes in Next.js are URLs where part of the URL is variable, changing based on parameters like `id`.

Dynamic routes automatically handle different URL patterns without manually defining each route.

When a user visits a URL like `/product/1`, Next.js renders the page defined in `[id].tsx` and passes `1` as the `id` value.



3-Notifications

Click 'Add to Cart', a notification will appear confirming that the item has been successfully added to your cart

Click 'Confirm Checkout', a notification will appear confirming that the checkout process was successful and your order is ready for completion

4-Cart Component



The Cart Component is responsible for displaying the items that the user has added to their shopping cart. It typically includes the following functionalities

Display Items: Shows a list of all items added to the cart, including product names, quantities, prices, and images.

Remove Item: Provides an option to remove items from the cart.

Total Price: Displays the total price of all items in the cart, including taxes or discounts if applicable

Your Cart

ITEM	PRICE	QUANTITY	SUBTOTAL	REMOVE
	\$20	Window S... - 3 +	\$60.00	

Checkout

Checkout Summary

Total Items:

\$60.00

Shipping:

\$0

Discount:

\$0

Total Amount:

\$60.00

Name

Enter your full name

Address

Enter your address

Confirm Checkout

Armchair

Terms & Conditions

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