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# DAY 4 - DYNAMIC FRONTEND COMPONENTS - [PRETTY WEAR]

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## Steps Taken:

- Integrated dynamic components like product listings, detail pages, and cart functionality.
- Used **Next.js** for routing and dynamic content fetching, ensuring smooth navigation between product pages.
- Implemented state management with **React hooks** and **Context API** for global state handling (e.g., cart items).

## Languages and Technologies Used:

- **JavaScript (ES6+)**: Core language used for building the dynamic components and logic.
- **TypeScript**: Ensured type safety and better code structure across the app.
- **Next.js**: Framework for server-side rendering, static site generation, and handling dynamic routes.
- **Tailwind CSS**: Utility-first CSS framework used for responsive design and consistent styling.
- **React**: Used for building UI components and managing the frontend logic.

## Challenges Faced:

- **Dynamic Routing Issue**: Encountered issues with Next.js dynamic routing due to conflicting App and Pages Router.
  - **Solution**: Resolved by ensuring the use of only one routing method (App Router or Pages Router).
- **Data Fetching**: Fetching data from mock products and integrating it with dynamic components.
  - **Solution**: Utilized API calls to fetch product details based on product ID dynamically.

# PRODUCT LIST

## Discover Our Premium Products



### Timber Craft

Introducing TimberCraft—a collection that celebrates the timeless beauty of wood craftsmanship and t...

[Read More](#)

\$320.00

[Add to Cart](#)



### Cloud Haven Chair

Sink into comfort with the Cloud Haven Chair—where softness meets support in a beautifully designed ...

[Read More](#)

\$230.00

[Add to Cart](#)



### Marble Ease

Introducing MarbleEase—a luxurious collection that brings the timeless elegance of marble into your ...

[Read More](#)

\$419.00

[Add to Cart](#)

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```
1  'use client';
2
3  import { useRouter } from 'next/router';
4  import { useEffect, useState } from 'react';
5  import { products, Product } from '../data/product';
6
7  const ProductDetailPage = () => {
8    const router = useRouter();
9    const { id } = router.query;
10   const [product, setProduct] = useState<Product | null>(null);
11
12   useEffect(() => {
13     if (id) {
14       const productId = Number(id);
15       const foundProduct = products.find((product) => product.id === productId);
16
17       if (foundProduct) {
18         setProduct(foundProduct);
19       }
20     }
21   }, [id]);
22
23   if (!product) {
24     return <div>Loading product details...</div>;
25   }
26
27   return (
28     <div className="p-6">
29       <div className="max-w-4xl mx-auto bg-white p-8 rounded-lg shadow-lg">
30         <img
31           src={product.image}
32           alt={product.title}
33         />
34       </div>
35     </div>
36   );
37 }
```

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# INDIVIDUAL DATA

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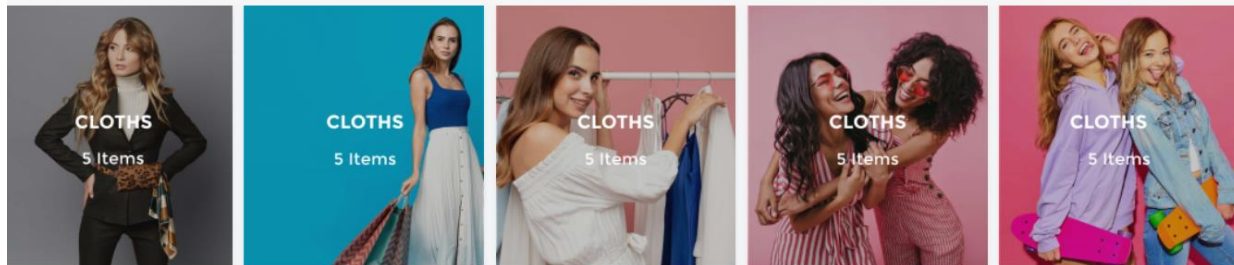
## **Timber Craft**

Introducing TimberCraft—a collection that celebrates the timeless beauty of wood craftsmanship and the art of nature's finest materials. Inspired by the rustic charm and durability of natural wood, TimberCraft brings warmth, character, and a touch of handcrafted elegance to any space. Perfect for those who value authenticity and sustainability, this collection combines the strength of timber with refined design, making it the ideal choice for modern and traditional homes alike. Each piece in the TimberCraft collection is meticulously crafted to highlight the unique grains and textures of the wood, bringing an organic, earthy feel to your space. Whether you're

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# FILTERS AND CATEGORIES

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Showing all 12 results

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```

{ /* Product Grid */}
<div className="grid grid-cols-2 md:grid-cols-3 lg:grid-cols-4 gap-6">
  {products.map((product) => (
    <div
      key={product.id}
      className="bg-white rounded-lg shadow-lg p-4 flex flex-col items-center"
    >
      <img
        src={product.images && product.images.length > 0 ? product.images[0]}
        alt={product.title}
        className="w-full h-83 object-cover rounded-t-lg"
      />
      <h3 className="text-lg font-medium text-gray-800 mt-4">{product.title}</h3>
      <p className="text-sm text-gray-600">{product.category}</p>
      <div className="flex items-center gap-2 mt-2">
        <span className="text-sm text-gray-500 line-through">
          ${product.originalPrice.toFixed(2)}
        </span>
        <span className="text-lg font-semibold text-green-500">
          ${product.price.toFixed(2)}
        </span>
      </div>
      <div className="mt-2 flex gap-2">
        {product.colors && product.colors.length > 0 ? (
          product.colors.map((color, index) => (
            <span
              key={index}
              className={`w-5 h-5 rounded-full border border-gray-400`}
              style={{ backgroundColor: color }}
            >>
          </span>


```



# NOTIFICATIONS

Floating Phone has been added to your cart!

**Bandage**[Home](#) [Shop](#) [About](#) [Pricing](#) [Contact](#)[Login](#) / [Register](#) [Search](#) [Cart](#) [Heart](#)

Home > Shop





**Floating Phone**

★★★★★ (10 Reviews)

**\$1,139.33**

In Stock

Met minim Mollie non desert Alamo est sit cliques dolor do met sent. RELIT official consequent door ENIM RELIT Mollie. Excitation venial consequent sent nostrum met.

Select Options

[Heart](#) [Wishlist](#) [Eye](#)

Description

Additional Information

Reviews (0)

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# CART

**Bandage**[Home](#) [Shop](#) [About](#) [Pricing](#) [Contact](#)[Login](#) / [Register](#) [Search](#) [Cart](#) [Heart](#)

Home > Cart

**Your Cart**



**Floating Phone**

Size: | Color:

**\$1139.33**

-

1

+

Remove

**Order Summary**

Subtotal

\$1139.33

Discount (-20%)

-\$0.00

Delivery Fee

\$15.00

Total

\$1154.33

Promo code

Apply

Go to Checkout

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