Day 4   Dynamic Frontend Compoenents BANDAGE

Screen shot of product listing

Wood Chair
Introducing the Wood Chair—a beautifully crafted piece that blends timeless simplicity with natural ...

$100

wood chair furniture classic rustic

Add Wood Chair to Cart

Add to Wishlist

The Dandy chair
Meet The Dandy Chair—the epitome of comfort, style, and sophistication. Designed for those who appre...

$150

chair elegant vintage classic furniture

Add The Dandy chair to Cart

Add to Wishlist

Amber Haven
Step into a world of warmth and tranquility with Amber Haven—a collection inspired by the golden glo...

$150

amber luxury cozy elegant furniture

Add Amber Haven to Cart

Add to Wishlist

Vase Set
Elevate your home decor with the timeless beauty of the Vase Set. Designed to complement any interio...

$150

vase decor interior design elegant home

Add Vase Set to Cart

Add to Wishlist

Product Detail Component

Bold Nest

Price: **$260**

Welcome to BoldNest—where fearless design meets comfort and creativity. Crafted for those who embrace individuality and bold expressions, BoldNest is more than just a piece of furniture; it's a statement. With its striking design, exceptional comfort, and modern aesthetics, BoldNest is perfect for anyone looking to add a unique touch to their home or office. The BoldNest collection combines daring colors, dynamic shapes, and high-quality materials to create an environment where style and comfort coexist in perfect harmony. Whether it's a chair, sofa, or accent piece, each item is designed to stand out while offering a welcoming space for relaxation and enjoyment. Its sturdy construction and thoughtful design ensure that BoldNest not only makes a bold visual impact but also provides lasting durability. Perfect for those who are looking to break away from the ordinary and make their home a reflection of their bold personality, BoldNest is an ideal choice for creating an energetic and unique atmosphere. Key Features: Bold and unique design that adds personality to any space High-quality materials for comfort, durability, and style Available in a variety of striking colors and patterns Perfect for modern homes and offices that embrace creativity Versatile design that complements contemporary and eclectic decor Transform your home into a space that reflects your bold, unique style with BoldNest—where standout design and comfort meet.

Tags: bold , nest , furniture , modern , contemporary

Add to Cart

Return to Main

Activate Windows

Category Component

Search products... | All Tags | Sort by price | 4 items per page |

| All Tags |
| bold |
| nest |
| furniture |
| modern |
| contemporary |
| cloud |
| chair |
| comfy |
| home decor |
| modern furniture |
| elegant |
| vintage |
| classic |
| furniture |
| bed |
| sleep |
| cozy |
| modern |

Bold Nest
Welcome to BoldNest—where fearless design meets comfort and creativity. Crafted for those who embrac...

$260

bold nest furniture modern contemporary

Add Bold Nest to Cart

Add to Wishlist

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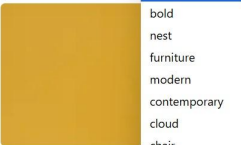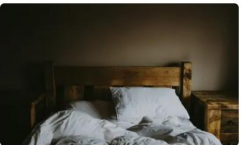Sink into comfort with the Cloud Haven Chair—where softness meets support in a beautifully designed ...

$230

cloud chair comfy home decor modern furniture

Add Cloud Haven Chair to Cart

Add to Wishlist

The Dandy chair
Meet The Dandy Chair—the epitome of comfort, style, and sophistication. Design... appre...

$150

chair elegant vintage classic

Add The Dandy ch...

Add to Wishlist

Bed
Introducing the Bed—your sanctuary for rest and relaxation, designed with both comfort and style in ...

$250

bed furniture sleep cozy modern

Add Bed to Cart

Add to Wishlist

Woing category filters, search bar, and pagination

Search bar

| Search products... | All Tags ▾ | Sort by price ▾ | 4 items per page ▾ |

Category filter

| Search products... | All Tags ▾ | Sort by price ▾ | 4 items per page ▾ |

All Tags
All Tags
bold
nest
furniture
modern
contemporary
cloud
chair
comfy
home decor
modern furniture
elegant
vintage
classic
furniture
bed
sleep
cozy
modern

Bold Nest
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$260

`bold` `nest` `furniture` `modern` `contemporary`

Add Bold Nest to Cart

Add to Wishlist

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

$230

`cloud` `chair` `comfy` `home decor` `modern furniture`

Add Cloud Haven Chair to Cart

Add to Wishlist

The Dandy chair
Meet The Dandy Chair—the ep style, and sophistication. Desig appre...

$150

`chair` `elegant` `vintage` `class`

Add The Dandy ch

Add to Wishlist

Bed
Introducing the Bed—your sanctuary for rest and relaxation, designed with both comfort and style in ...

$250

`bed` `furniture` `sleep` `cozy` `modern`

Add Bed to Cart

Add to Wishlist

Pagination

Previous | Page 1 of 6 | Next

Cart Component

Cart Summary

Cloud Haven Chair x 1	**$230.00**	Remove
The Dandy chair x 1	**$150.00**	Remove
Bed x 1	$250.00	Remove
Bold Nest x 1	$260.00	Remove
Syltherine x 1	$200.00	Remove
Vase Set x 1	$150.00	Remove
Retro Vibe x 1	$340.00	Remove

Total Quantity: 7

Total Price: $1580.00

Clear Cart

Checkout

Wishlist

Bold Nest

Welcome to BoldNest—where fearless design meets comfort and creativity. Crafted for those who embrac...

$260

`bold` `nest` `furniture` `modern` `contemporary`

Add Bold Nest to Cart

Add to Wishlist

Cloud Haven Chair

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

$230

`cloud` `chair` `comfy` `home decor` `modern furniture`

Add Cloud Haven Chair to Cart

Add to Wishlist

Checkout Flow Component

Cart Summary

C9tSjpgKwRn68Ks1KMv6pY - The Dandy chair x 1	**$150.00**
C9tSjpgKwRn68Ks1KMv4v6 - Cloud Haven Chair x 1	**$230.00**
C9tSjpgKwRn68Ks1KMv4ZA - Bold Nest x 1	**$260.00**
Total Price:	**$640.00**

Shipping Address

ahtisham

SUIT 110 INDUSTRIAL TOWN PLAZA MAIN SHAHRAH-E-LIAQUAT KARACHI

KARACHI

74000

Billing Details

45465465454

1/5/2025

123

Place Order

Filter Panel Component

All Tags ▾   Sort by price ▾   12 items per page ▾

Sort by price
Price: Low to High
Price: High to Low

All Tags ▾   Sort by price ▾   12 items per page ▾

4 items per page
8 items per page
12 items per page

Footer and Header Components

PAGES LINK WORKS
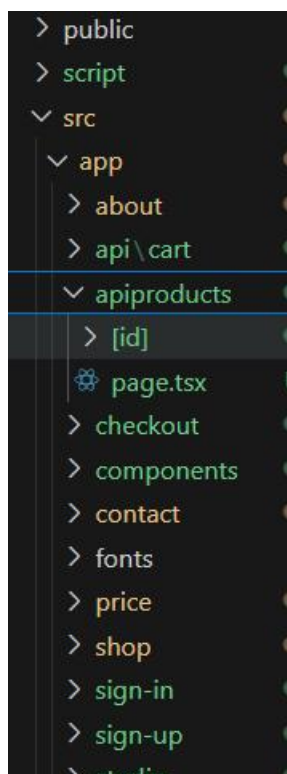

Code Deliverables

Product Details (Dynamic Routes):

• Shows a product image, name, description, price and a discount percentage for real-time.

• Includes a "View Product" button linking to the product's detailed page using its _id.

Search Bar , Productcart code

```jsx
<div className="flex gap-4 mb-4">
  <input
    type="text"
    placeholder="Search products..."
    className="border p-2 rounded w-full"
    value={searchQuery}
    onChange={(e) => setSearchQuery(e.target.value)}
  />
  <select
    className="border p-2 rounded"
    value={selectedTag}
    onChange={(e) => setSelectedTag(e.target.value)}
  >
    <option value="">All Tags</option>
    {[...new Set(products.flatMap((p) => p.tags))].map((tag) => (
      <option key={tag} value={tag}>{tag}</option>
    ))}
  </select>
  <select
    className="border p-2 rounded"
    value={sortOrder}
    onChange={(e) => setSortOrder(e.target.value)}
  >
    <option value="">Sort by price</option>
    <option value="low-to-high">Price: Low to High</option>
```

Get product dynamically

```tsx
import React from "react";
import Image from "next/image";
import { client } from "@/sanity/lib/client";
import Link from "next/link";

const ProductPage = async ({ params: { id } }: { params: { id: string } }) => {
  try {
    const query = `*[_type == "product" && _id == $id] {
      "id": _id,
      title,
      price,
      description,
      discountPercentage,
      "imageUrl": productImage.asset->url,
      tags
    }[0]`;

    const product = await client.fetch(query, { id });

    if (!product) {
      return <div className="text-center text-gray-600 p-6">Product not found!</div>;
    }

    return (
      <div className="max-full mx-auto bg-white rounded-2xl shadow-lg overflow-hidden hover:shadow-2xl transition-shadow duration-300 p-6">
        <h1 className="text-2xl font-extrabold text-gray-900 text-center mb-6">{product.title}</h1>

        {/* Layout for Image and Details */}
        <div className="grid grid-cols-1 md:grid-cols-2 gap-6 items-center">
```

Fetch Product From Api

```
const fetchProducts = async () => {
  try {
    const query = `*[_type == "product"] {
      _id,
      title,
      price,
      description,
      discountPercentage,
      "imageUrl": productImage.asset->url,
      tags
    }`;
    const data = await sanity.fetch(query);
    setProducts(data);
    setTotalProducts(data.length);
    filterProducts(data, searchQuery, selectedTag, sortOrder);
  } catch (error) {
    console.error("Error Fetching Products:", error);
  }
};

useEffect(() => {
  fetchProducts();
}, []);

useEffect(() => {
```

ADD TO CART CODE

```
const addToCart = (product: Product) => {
  setCart((prevCart) => [...prevCart, product]);
  alert(`${product.title} has been added to your cart!`);
};

const removeFromCart = (productId: string) => {
  setCart((prevCart) => prevCart.filter((product) => product._id !== productId));
};

const clearCart = () => {
  setCart([]);
};
```

CHECKOUT CODE

```
'use client';

import React, { useEffect, useState } from 'react';

const Checkout: React.FC = () => {
  const [cartItems, setCartItems] = useState<any[]>([]);
  const [totalPrice, setTotalPrice] = useState<number>(0);

  useEffect(() => {
    // Get the cart data from the API route when the component mounts
    const fetchCartData = async () => {
      const params = new URLSearchParams(window.location.search);
      const cartItemsData = params.get('cartItems');
      const totalPriceData = params.get('totalPrice');

      if (cartItemsData && totalPriceData) {
        const response = await fetch(`/api/cart?cartItems=${cartItemsData}&totalPrice=${totalPriceData}`);
        const data = await response.json();
        setCartItems(data.cartItems);
        setTotalPrice(data.totalPrice);
      }
    };

    fetchCartData();
  }, []);

  const handleSubmit = (e: React.FormEvent) => {
    e.preventDefault();
    alert('Order placed successfully!');
```
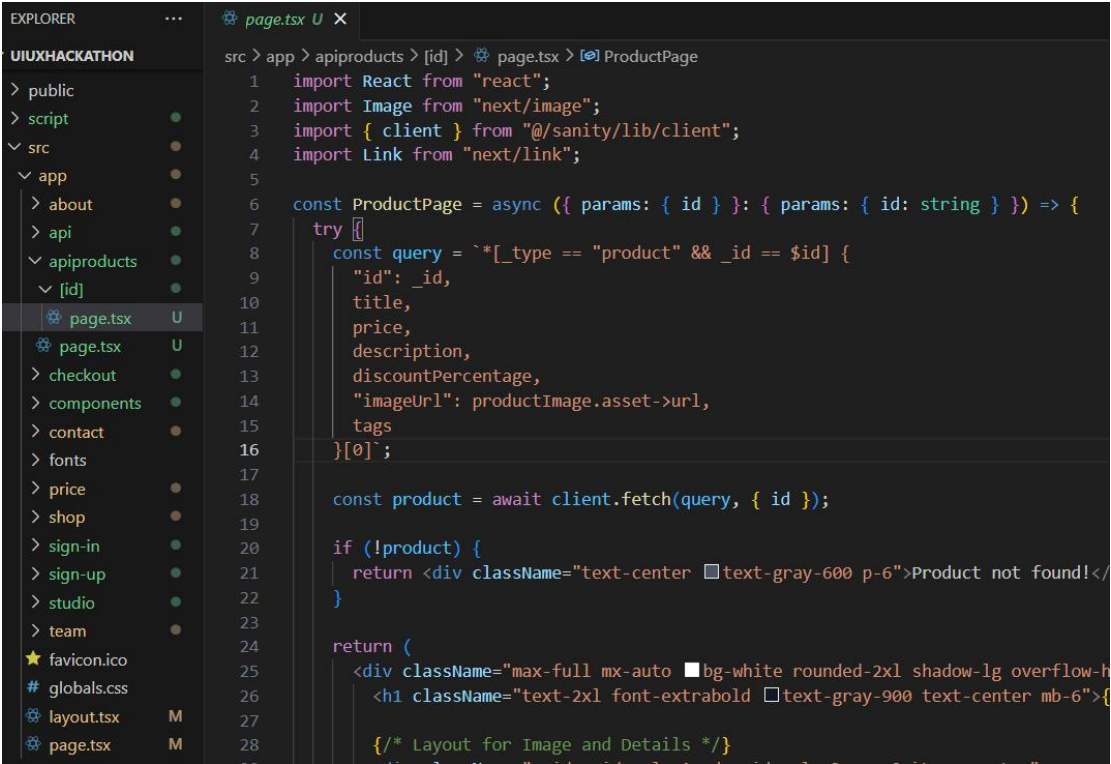
Dynamic Routing

Dynamic routing is used to handle routes like /Apiproducts/:id for individual product pages.

1. Create Dynamic Route File:

In the App directory, create a [id].tsx file inside the API FOLDER folder:
App/Apiproducts/[id].tsx

2. Get Product Data Dynamically:

```
src > app > apiproducts > [id] > page.tsx > ProductPage
1    import React from "react";
2    import Image from "next/image";
3    import { client } from "@/sanity/lib/client";
4    import Link from "next/link";
5
6    const ProductPage = async ({ params: { id } }: { params: { id: string } }) => {
7      try {
8        const query = `*[_type == "product" && _id == $id] {
9          "id": _id,
10         title,
11         price,
12         description,
13         discountPercentage,
14         "imageUrl": productImage.asset->url,
15         tags
16       }[0]`;
17
18       const product = await client.fetch(query, { id });
19
20       if (!product) {
21         return <div className="text-center  text-gray-600 p-6">Product not found!</
22       }
23
24       return (
25         <div className="max-full mx-auto  bg-white rounded-2xl shadow-lg overflow-h
26           <h1 className="text-2xl font-extrabold  text-gray-900 text-center mb-6">{
27
28           {/* Layout for Image and Details */}
```

Final CheckList

Frontend Component Development	Styling and Responsiveness	Code Quality	Documentation and Submission	Final Review
✓	✓	✓	✓	✓