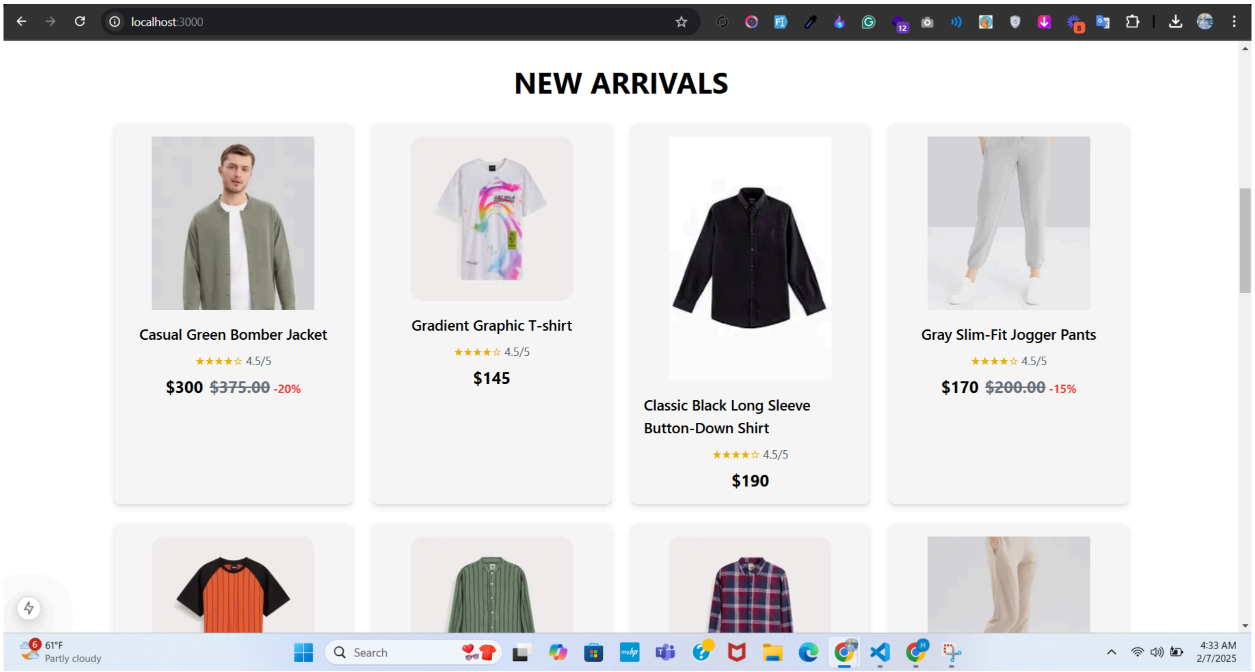
Hackathon Day Four- Dynamic Frontend Component

Fetching Dynamic Products Data from APIs using component of New Arrival



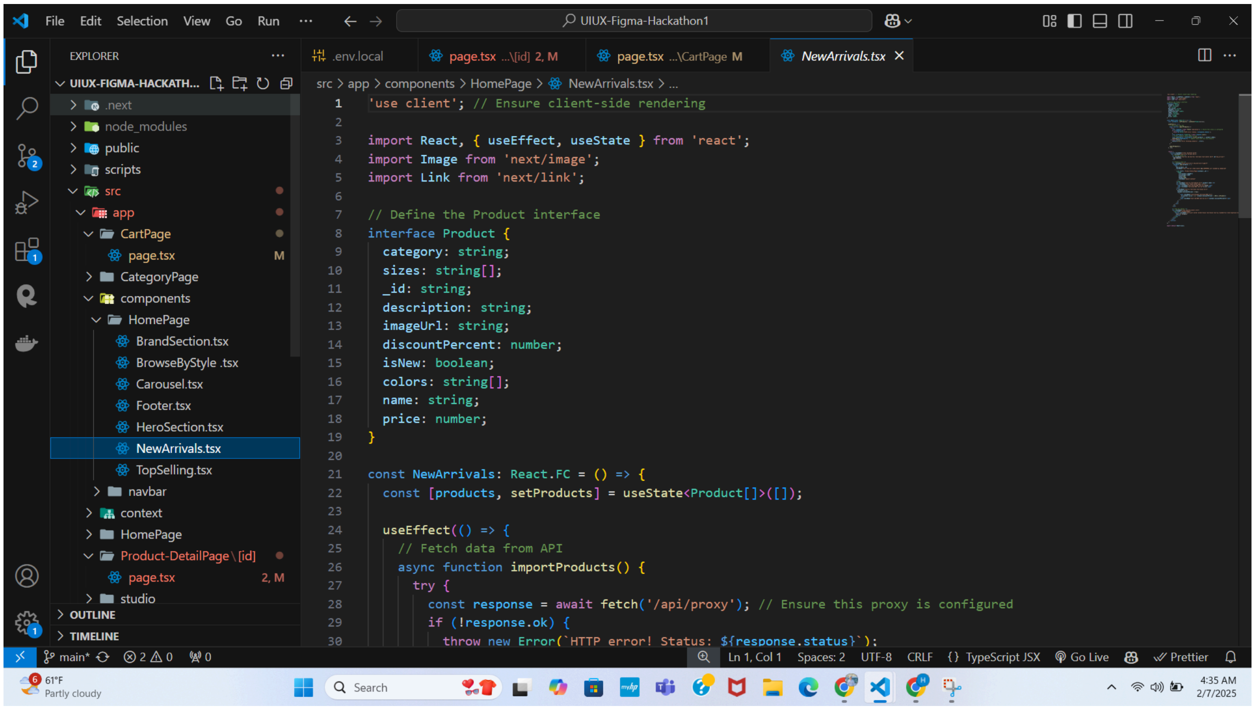
NEW ARRIVALS

Casual Green Bomber Jacket
★★★★☆ 4.5/5
$300 ~~$375.00~~ -20%

Gradient Graphic T-shirt
★★★★☆ 4.5/5
$145

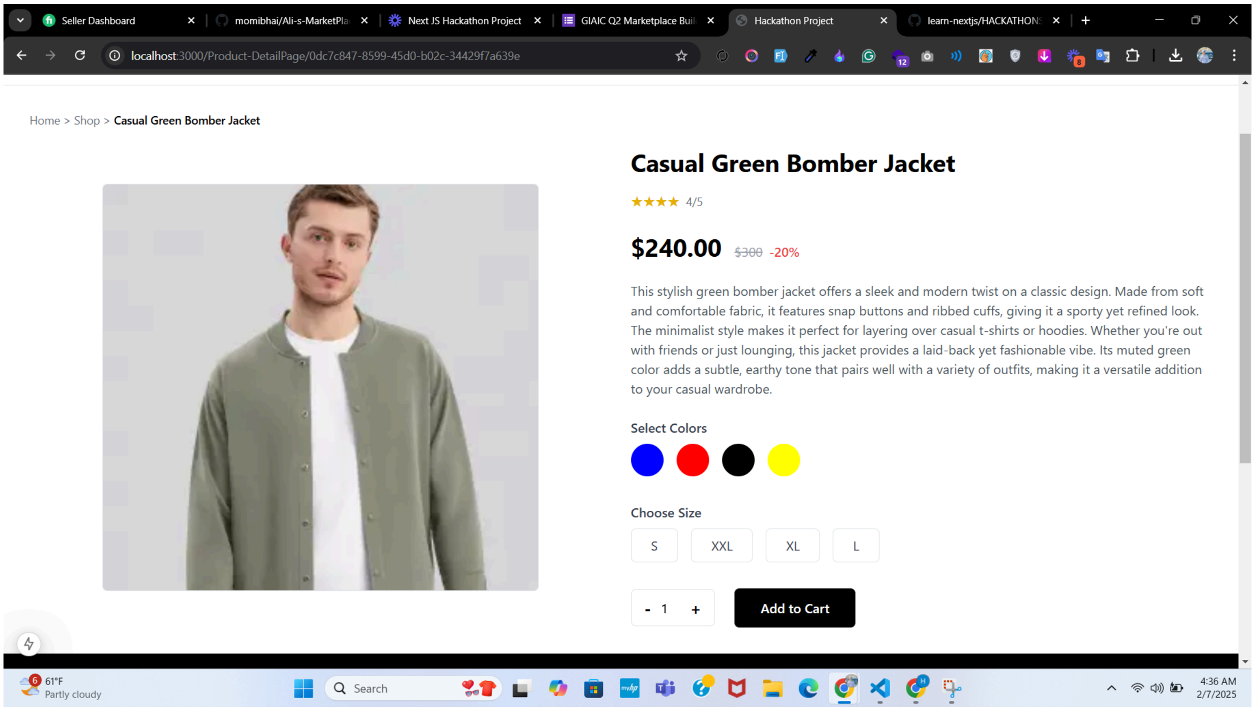
Classic Black Long Sleeve Button-Down Shirt
★★★★☆ 4.5/5
$190

Gray Slim-Fit Jogger Pants
★★★★☆ 4.5/5
$170 ~~$200.00~~ -15%



```
'use client'; // Ensure client-side rendering

import React, { useEffect, useState } from 'react';
import Image from 'next/image';
import Link from 'next/link';

// Define the Product interface
interface Product {
  category: string;
  sizes: string[];
  _id: string;
  description: string;
  imageUrl: string;
  discountPercent: number;
  isNew: boolean;
  colors: string[];
  name: string;
  price: number;
}

const NewArrivals: React.FC = () => {
  const [products, setProducts] = useState<Product[]>([]);

  useEffect(() => {
    // Fetch data from API
    async function importProducts() {
      try {
        const response = await fetch('/api/proxy'); // Ensure this proxy is configured
        if (!response.ok) {
          throw new Error(`HTTP error! Status: ${response.status}`);
```

Product Detail Page



Home > Shop > Casual Green Bomber Jacket

Casual Green Bomber Jacket

★★★★ 4/5

$240.00 ~~$300~~ -20%

This stylish green bomber jacket offers a sleek and modern twist on a classic design. Made from soft and comfortable fabric, it features snap buttons and ribbed cuffs, giving it a sporty yet refined look. The minimalist style makes it perfect for layering over casual t-shirts or hoodies. Whether you're out with friends or just lounging, this jacket provides a laid-back yet fashionable vibe. Its muted green color adds a subtle, earthy tone that pairs well with a variety of outfits, making it a versatile addition to your casual wardrobe.

Select Colors

🟦 🟥 ⬛ 🟨

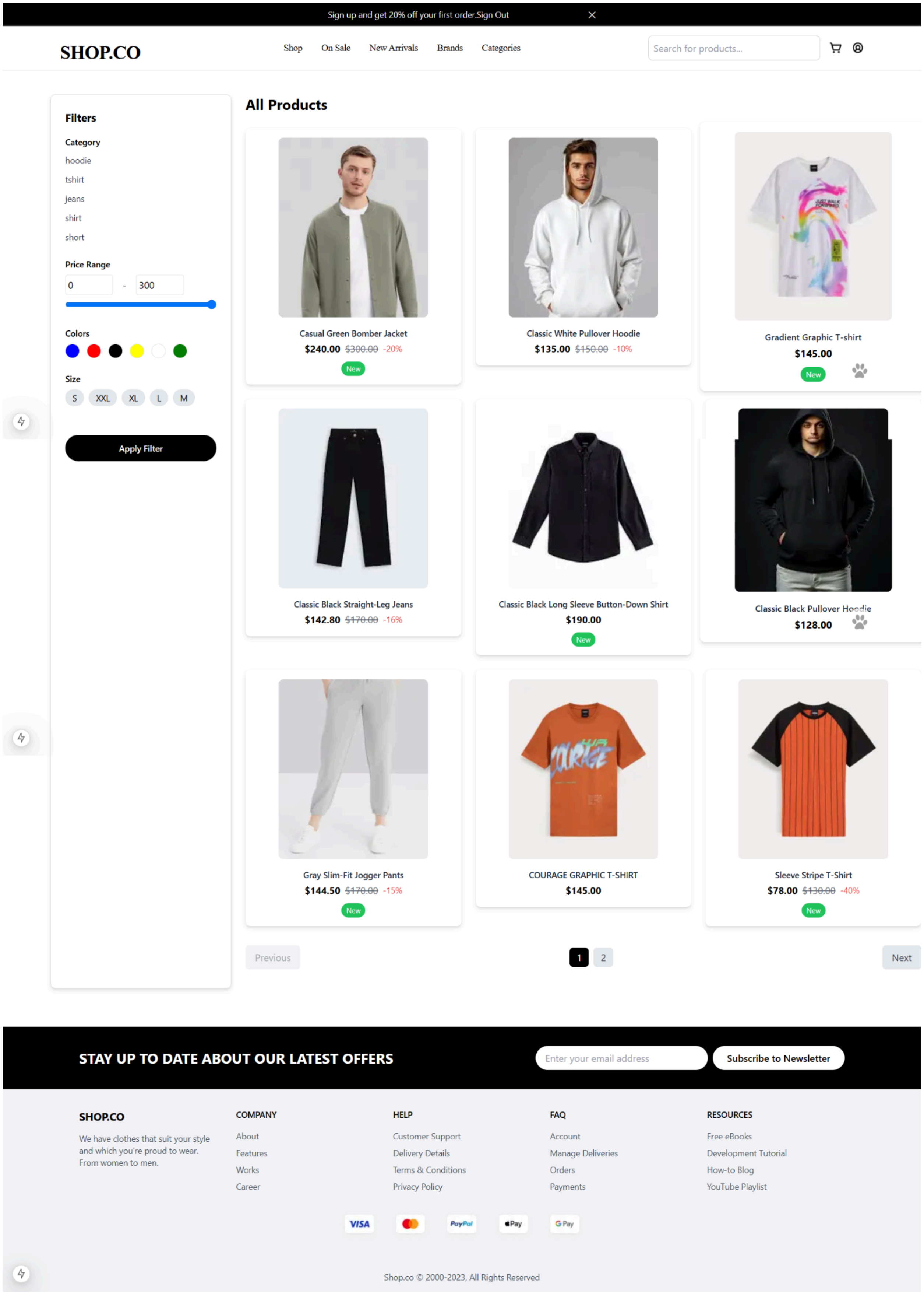
Choose Size

S XXL XL L

- 1 +

Add to Cart

Product Category Page with Dynamic Filters, Search, Pagination



Sign up and get 20% off your first order.Sign Out ✕

SHOP.CO

Filters

Category

hoodie

tshirt

jeans

shirt

short

Price Range

0 - 300

Colors

● ● ● ● ○ ●

Size

S XXL XL L M

All Products

Product	Price	Original price	Discount	Label
Casual Green Bomber Jacket	$240.00	~~$300.00~~	-20%	New
Classic White Pullover Hoodie	$135.00	~~$150.00~~	-10%	
Gradient Graphic T-shirt	$145.00			New
Classic Black Straight-Leg Jeans	$142.80	~~$170.00~~	-16%	
Classic Black Long Sleeve Button-Down Shirt	$190.00			New
Classic Black Pullover Hoodie	$128.00			
Gray Slim-Fit Jogger Pants	$144.50	~~$170.00~~	-15%	New
COURAGE GRAPHIC T-SHIRT	$145.00			
Sleeve Stripe T-Shirt	$78.00	~~$130.00~~	-40%	New

STAY UP TO DATE ABOUT OUR LATEST OFFERS

SHOP.CO

We have clothes that suit your style and which you're proud to wear. From women to men.

COMPANY

About

Features

Works

Career

HELP

Customer Support

Delivery Details

Terms & Conditions

Privacy Policy

FAQ

Account

Manage Deliveries

Orders

Payments

RESOURCES

Free eBooks

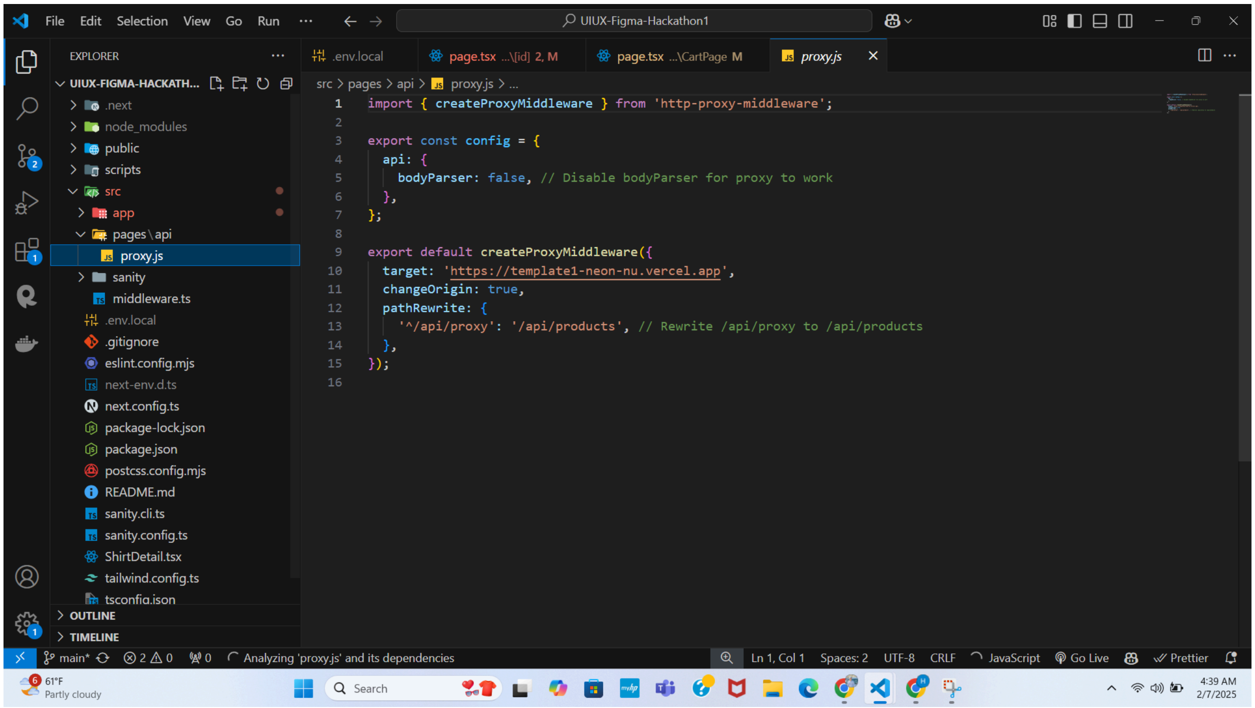
Development Tutorial

How-to Blog

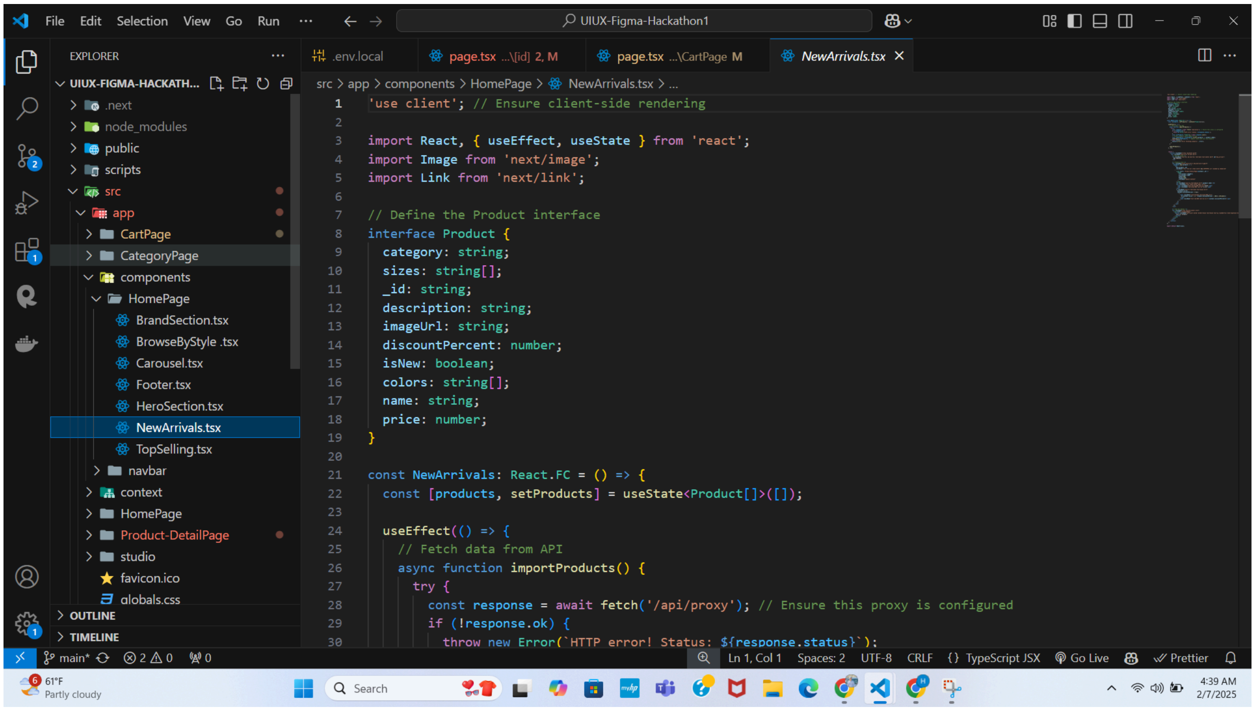
YouTube Playlist

Shop.co © 2000-2023, All Rights Reserved

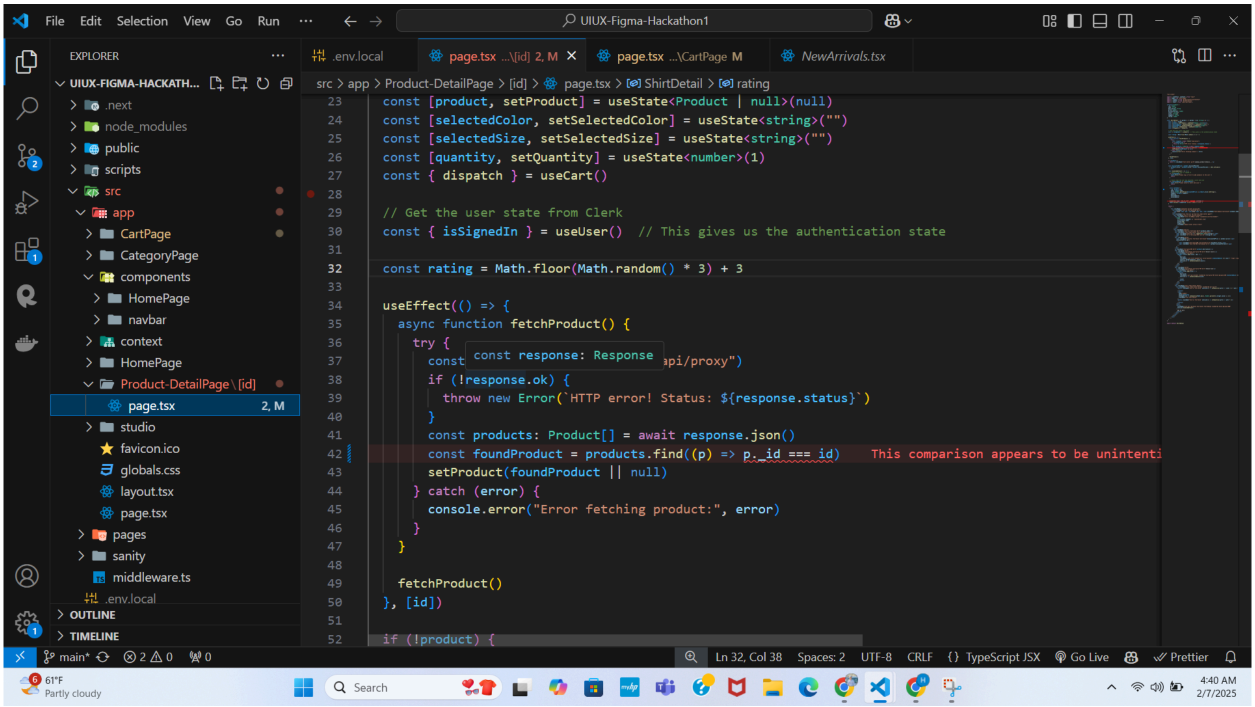
Components with API Data Fetching and Dynamic Routing



```javascript
import { createProxyMiddleware } from 'http-proxy-middleware';

export const config = {
  api: {
    bodyParser: false, // Disable bodyParser for proxy to work
  },
};

export default createProxyMiddleware({
  target: 'https://template1-neon-nu.vercel.app',
  changeOrigin: true,
  pathRewrite: {
    '^/api/proxy': '/api/products', // Rewrite /api/proxy to /api/products
  },
});
```



```tsx
'use client'; // Ensure client-side rendering

import React, { useEffect, useState } from 'react';
import Image from 'next/image';
import Link from 'next/link';

// Define the Product interface
interface Product {
  category: string;
  sizes: string[];
  _id: string;
  description: string;
  imageUrl: string;
  discountPercent: number;
  isNew: boolean;
  colors: string[];
  name: string;
  price: number;
}

const NewArrivals: React.FC = () => {
  const [products, setProducts] = useState<Product[]>([]);

  useEffect(() => {
    // Fetch data from API
    async function importProducts() {
      try {
        const response = await fetch('/api/proxy'); // Ensure this proxy is configured
        if (!response.ok) {
          throw new Error(`HTTP error! Status: ${response.status}`);
```



```
const [product, setProduct] = useState<Product | null>(null)
const [selectedColor, setSelectedColor] = useState<string>("")
const [selectedSize, setSelectedSize] = useState<string>("")
const [quantity, setQuantity] = useState<number>(1)
const { dispatch } = useCart()

// Get the user state from Clerk
const { isSignedIn } = useUser()  // This gives us the authentication state

const rating = Math.floor(Math.random() * 3) + 3

useEffect(() => {
  async function fetchProduct() {
    try {
      const const response: Response api/proxy")
      if (!response.ok) {
        throw new Error(`HTTP error! Status: ${response.status}`)
      }
      const products: Product[] = await response.json()
      const foundProduct = products.find((p) => p._id === id)    This comparison appears to be unintenti
      setProduct(foundProduct || null)
    } catch (error) {
      console.error("Error fetching product:", error)
    }
  }

  fetchProduct()
}, [id])

if (!product) {
```