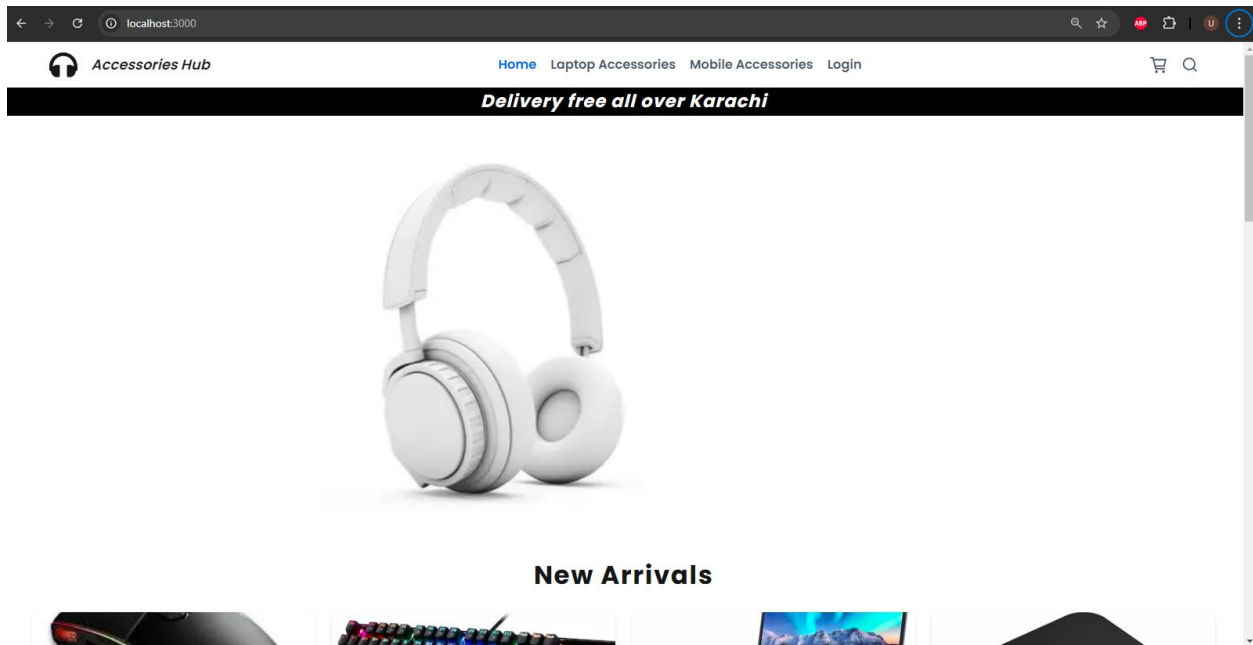


Document Title: "Day 4 - Dynamic Frontend Components – AccessoryHub"

The data is fetched from sanity, in the header, laptop accessories, mobile accessories are fetching data dynamically, and login is taking authorization from the github for logging in



The banner and image sliders are dynamic and changing after a specific time.

```

src > app > components > slider.tsx > Slider
1  'use client'
2  import { useState, useEffect } from "react";
3
4  export default function Slider() {
5    const [currentIndex, setCurrentIndex] = useState(0);
6
7    const messages = [
8      "Delivery free all over Karachi",
9      "Exchange and refund can be done",
10     "Discounts available on shopping 5+ Products"
11   ];
12
13   useEffect(() => {
14     const interval = setInterval(() => {
15       setCurrentIndex((lastIndex) => (lastIndex + 1) % messages.length);
16     }, 5000);
17
18     return () => clearInterval(interval);
19   }, [messages.length]);
20
21   return (
22     <div className="w-full h-[40px] bg-black flex items-center justify-center mt-16">
23       <p className="italic text-white font-bold tracking-wider text-[14px] sm:text-[18px] md:text-[20px] lg:text-[25px]">
24         {messages[currentIndex]}
25       </p>
26     </div>
27   );
28
29

```

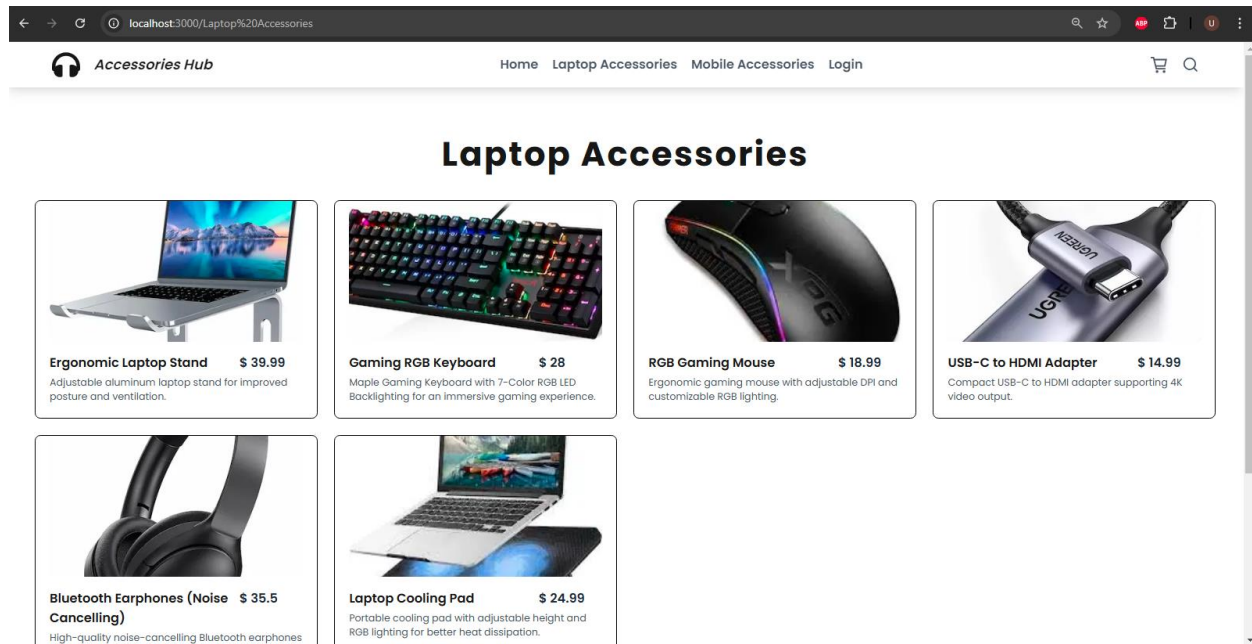
Banner.tsx

```

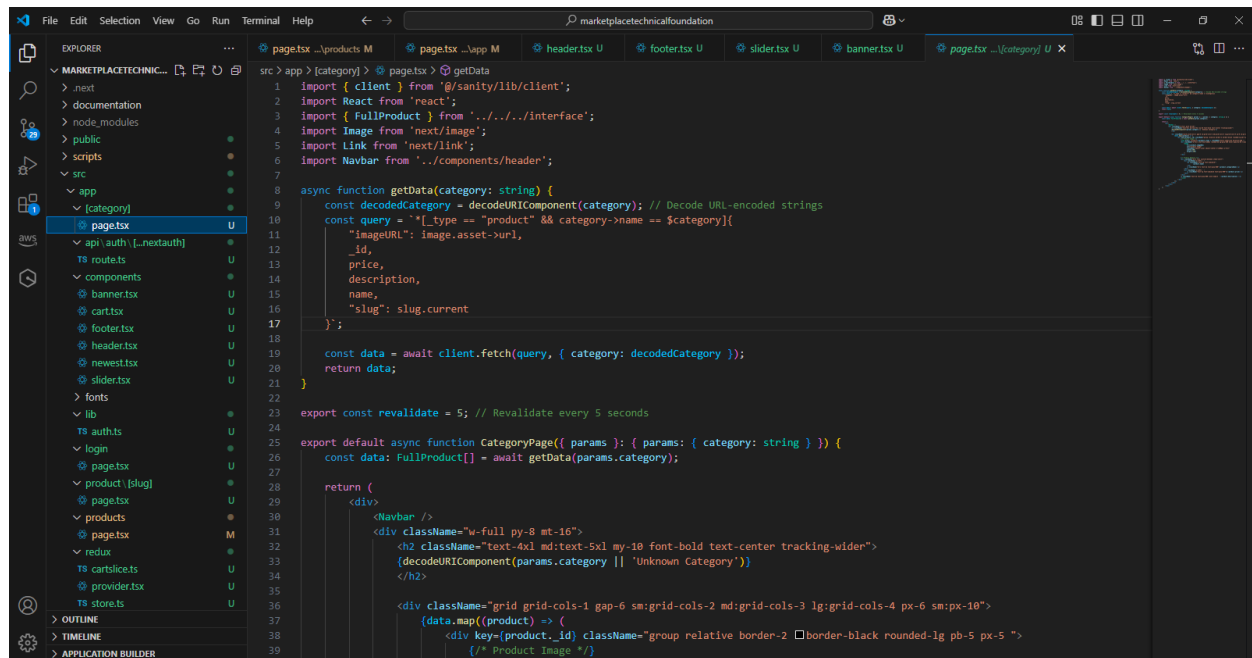
src > app > components > banner.tsx > ...
1  'use client';
2  import { useState, useEffect } from "react";
3
4  import Image from "next/image";
5  import ChargerImage from "../../public/bannerImages/charger.jpg";
6  import EarpodsImage from "../../public/bannerImages/earpods.webp";
7  import HeadphoneImage from "../../public/bannerImages/headphones.jpg";
8  import PowerbankImage from "../../public/bannerImages/powerbank.webp";
9
10 export default function Banner() {
11   const [currentImage, setCurrentImage] = useState(0);
12
13   const Images = [
14     { src: ChargerImage, alt: "Charger" },
15     { src: EarpodsImage, alt: "Earpods" },
16     { src: HeadphoneImage, alt: "Head phones" },
17     { src: PowerbankImage, alt: "Power Bank" },
18   ];
19
20   useEffect(() => {
21     const interval = setInterval(() => {
22       setCurrentImage((previousImage) => (previousImage + 1) % Images.length);
23     }, 4000);
24     return () => clearInterval(interval);
25   }, [Images.length]);
26
27   return (
28     <div>
29       <div className="w-full overflow-hidden relative">
30         <div>
31           <div
32             className="flex transition-transform ease-in-out duration-1000"
33             style={{
34               transform: `translateX(-${currentImage * 100}%)`,
35             }}
36           >
37             {Images.map((image, index) => (
38               <div
39

```

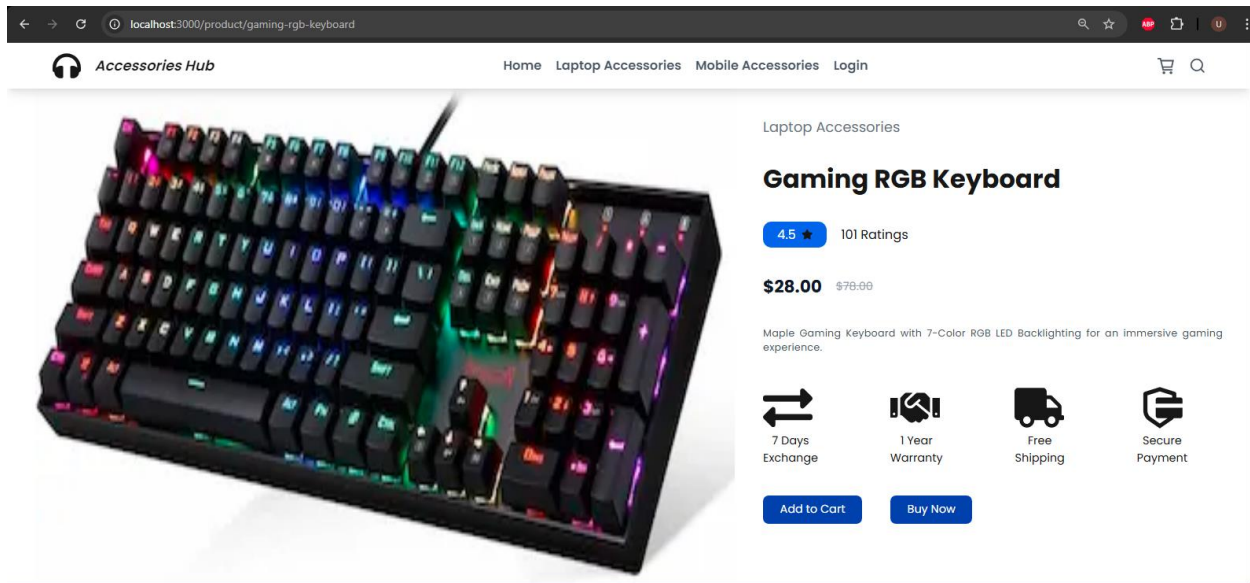
Dynamic Header, when I click the laptop accessories, it open the products having category of laptop accessories and shows all products in the respective category.



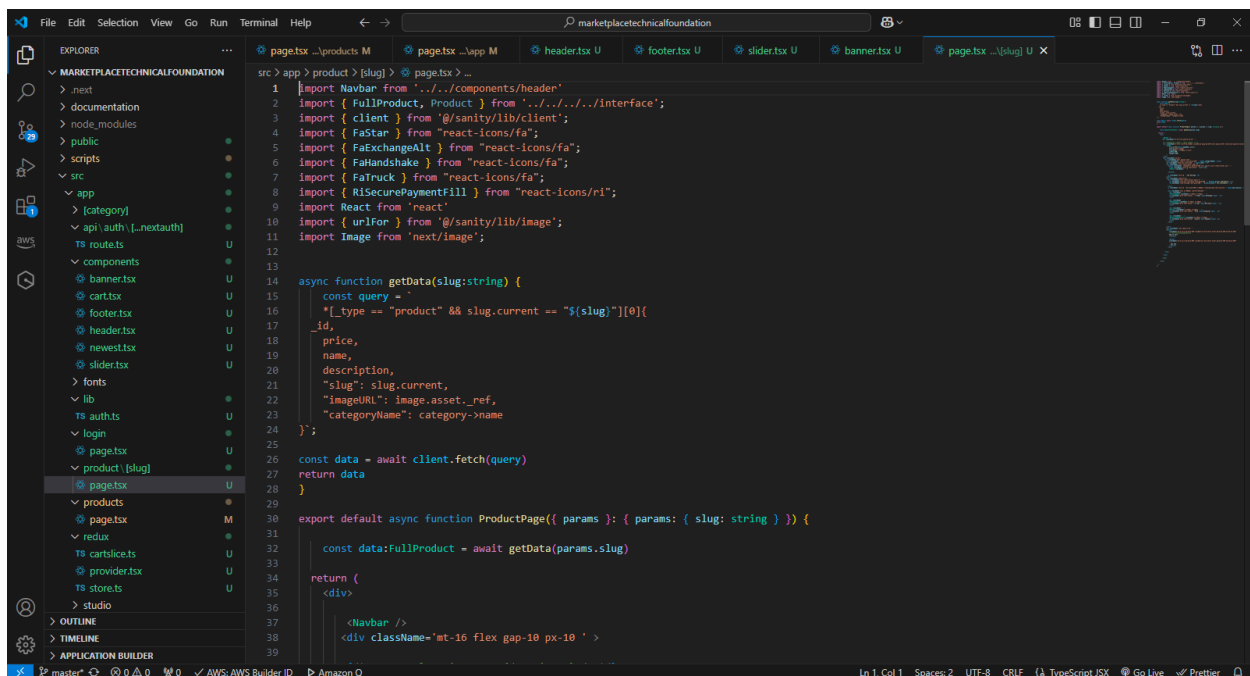
Category – page.tsx



When user clicks the product, it dynamically open the desired product's page having the details of that product

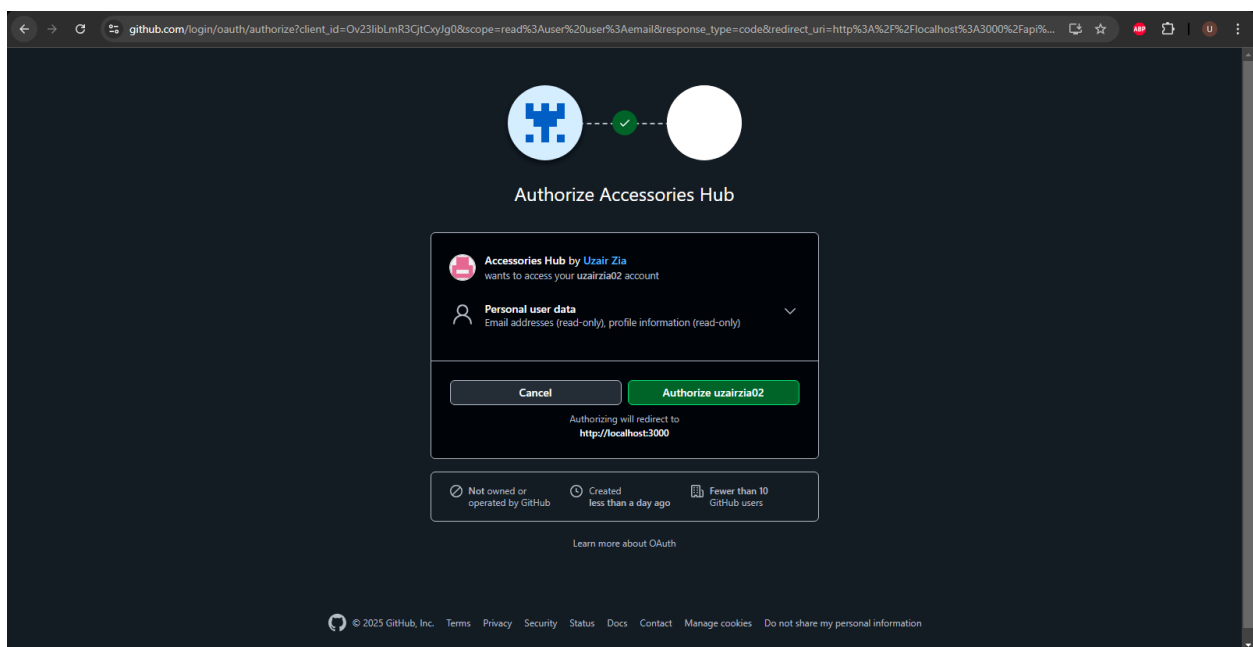
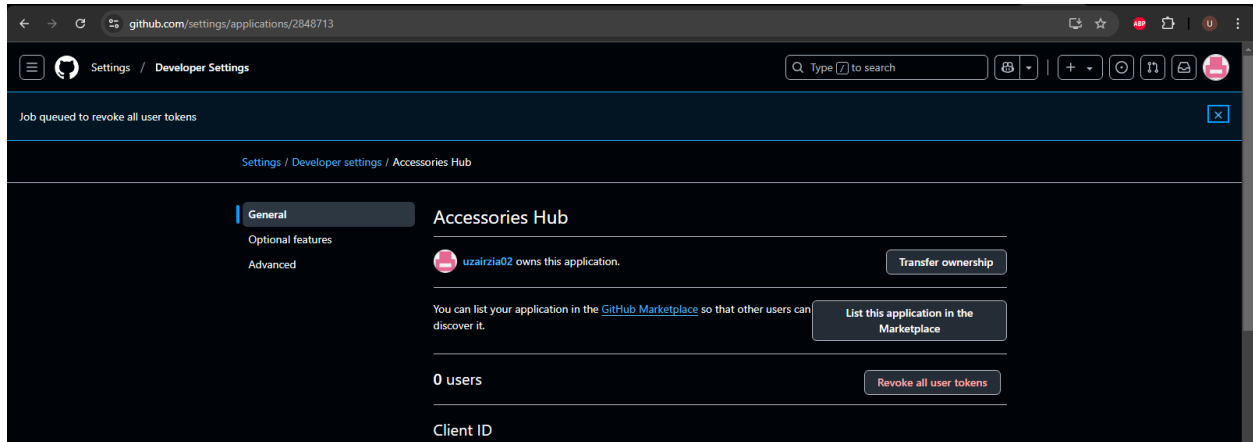


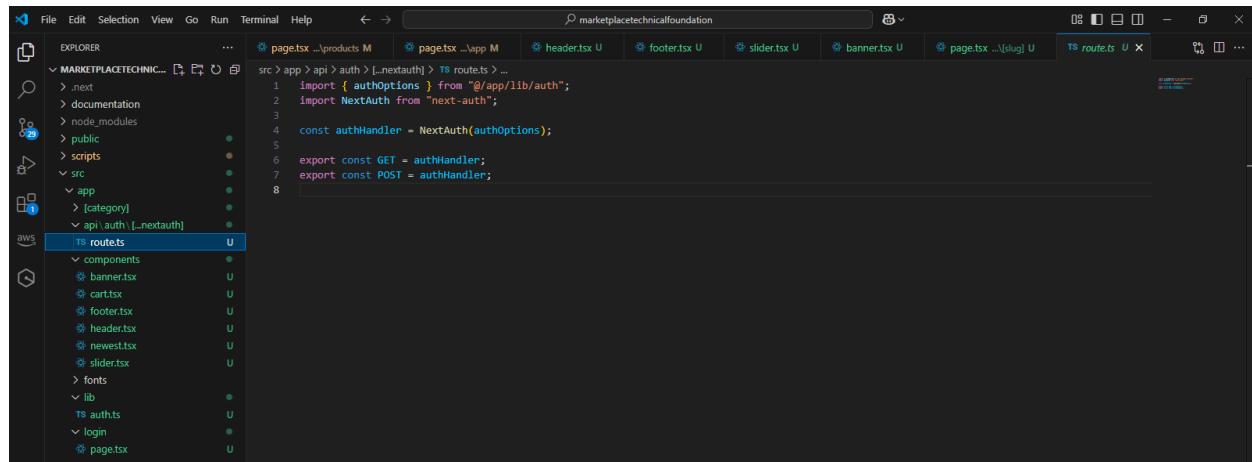
Product – slug – page.tsx



When user clicks the add to cart, it added the product to the cart

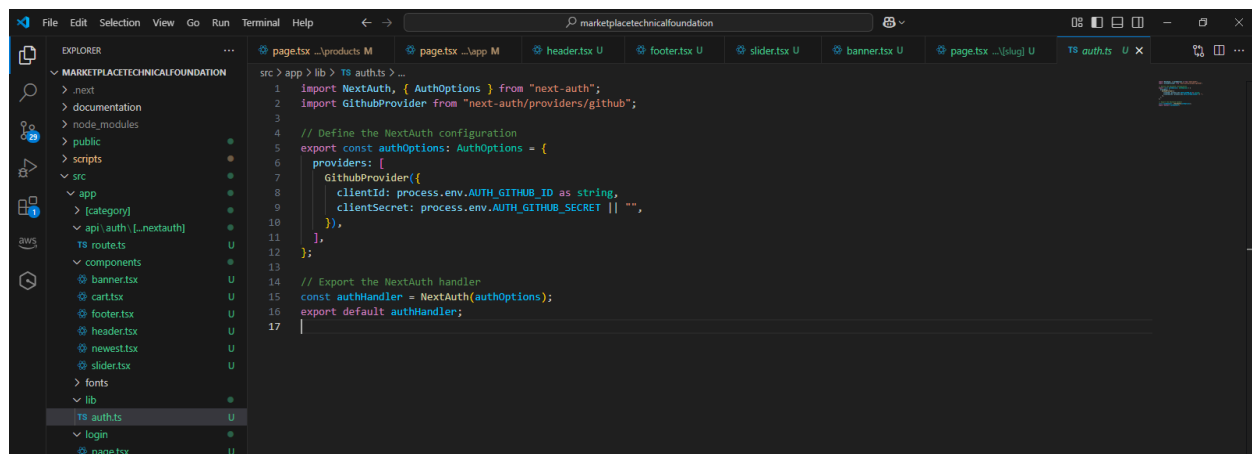
Login linked with Github using Authentication





The screenshot shows a VS Code editor with the file explorer on the left and the code editor on the right. The file explorer shows the project structure for 'MARKETPLACETECHNICALFOUNDATION'. The code editor shows the implementation of NextAuth in 'routes.ts'.

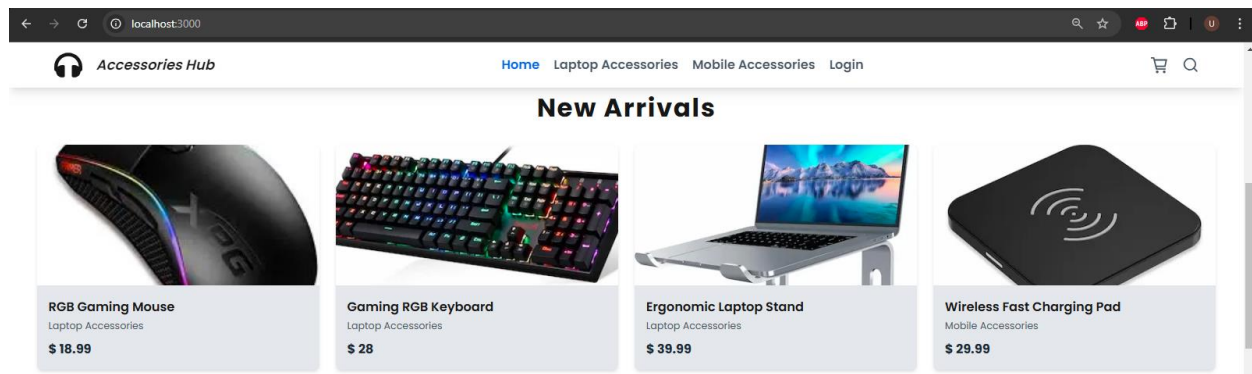
```
src > app > api > auth > [...nextauth] > TS routes.ts > ...  
1 import { authOptions } from "@app/lib/auth";  
2 import NextAuth from "next-auth";  
3  
4 const authHandler = NextAuth(authOptions);  
5  
6 export const GET = authHandler;  
7 export const POST = authHandler;  
8
```



The screenshot shows a VS Code editor with the file explorer on the left and the code editor on the right. The file explorer shows the project structure for 'MARKETPLACETECHNICALFOUNDATION'. The code editor shows the implementation of NextAuth in 'auth.ts'.

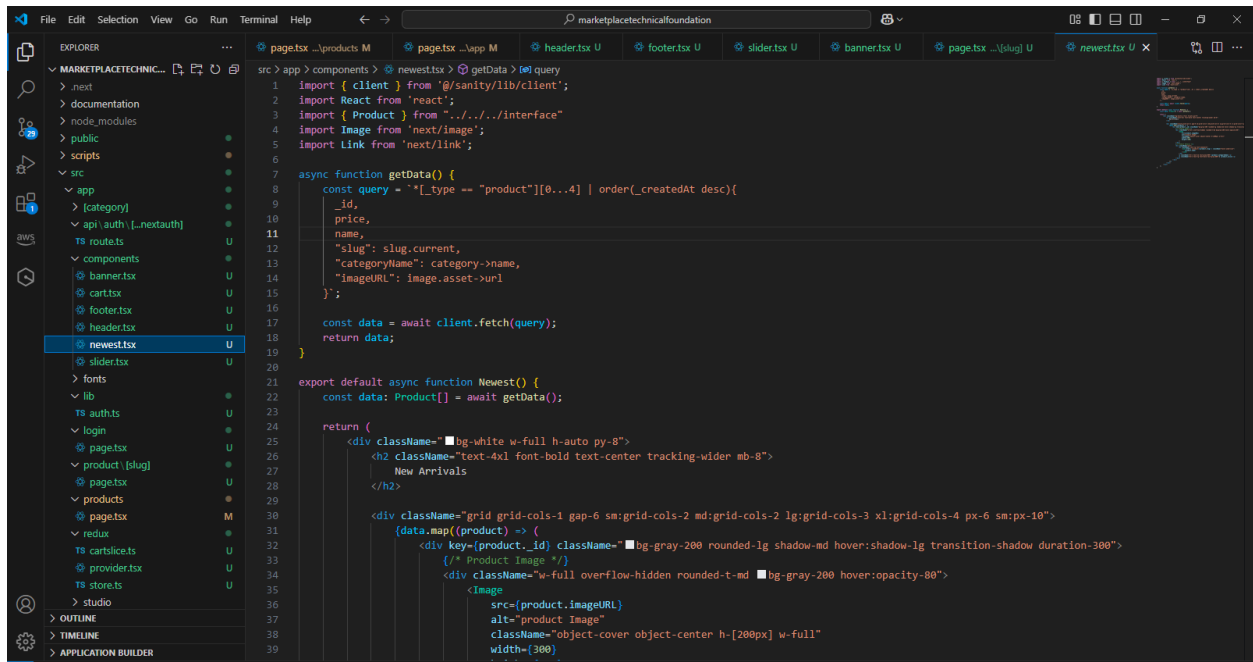
```
src > app > lib > TS auth.ts > ...  
1 import NextAuth, { AuthOptions } from "next-auth";  
2 import GitHubProvider from "next-auth/providers/github";  
3  
4 // Define the NextAuth configuration  
5 export const authOptions: AuthOptions = {  
6   providers: [  
7     GitHubProvider({  
8       clientId: process.env.AUTH_GITHUB_ID as string,  
9       clientSecret: process.env.AUTH_GITHUB_SECRET || "",  
10     }),  
11   ],  
12 };  
13  
14 // Export the NextAuth handler  
15 const authHandler = NextAuth(authOptions);  
16 export default authHandler;  
17
```

New arrivals is fetching data dynamically from the latest four products

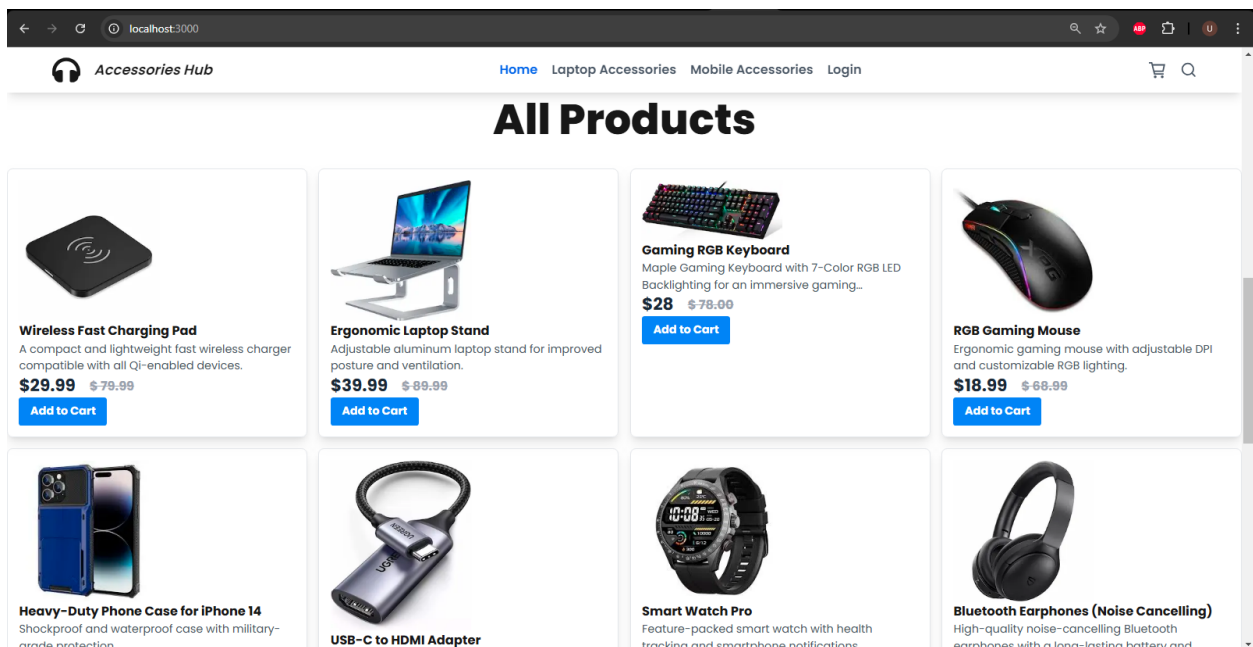


All products is fetching data from sanity dynamically

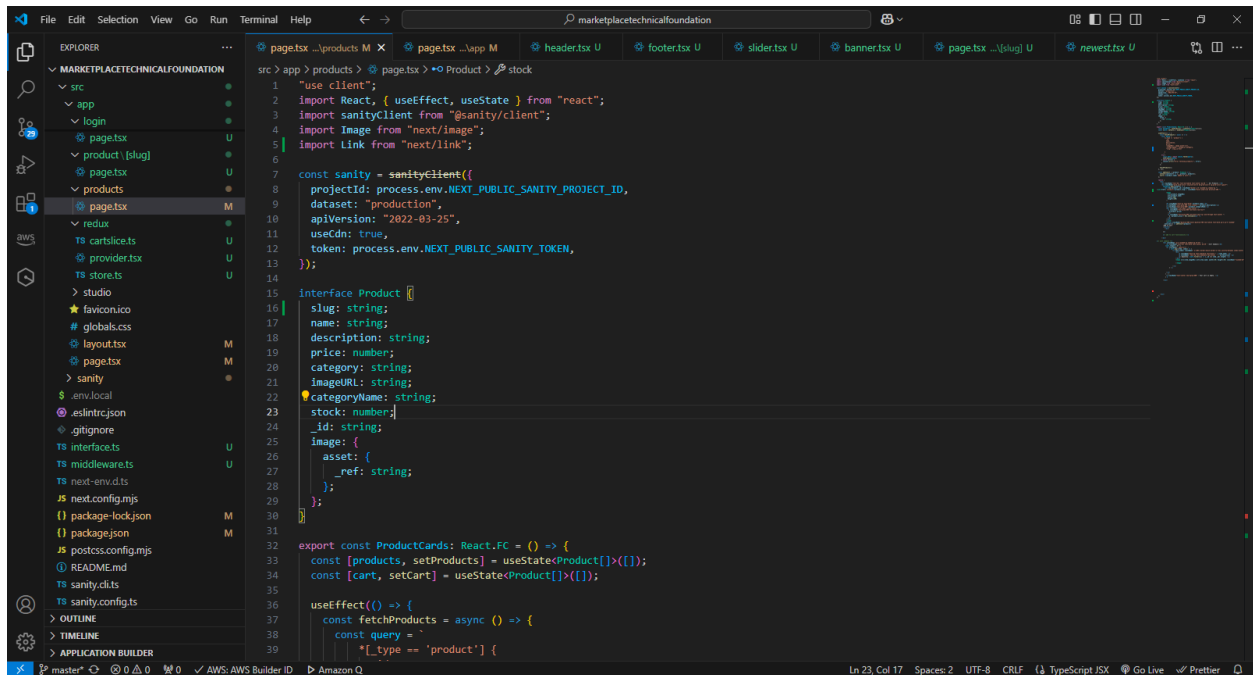
Newest.tsx



```
1 import { client } from '@sanity/lib/client';
2 import React from 'react';
3 import { Product } from '../..../interface';
4 import Image from 'next/image';
5 import Link from 'next/link';
6
7 async function getData() {
8   const query = `[_type == "product"]{0...4} | order(_createdAt desc){
9     _id,
10    price,
11    name,
12    "slug": slug.current,
13    "categoryName": category->name,
14    "imageUrl": image.asset->url
15  }`;
16
17   const data = await client.fetch(query);
18   return data;
19 }
20
21 export default async function Newest() {
22   const data: Product[] = await getData();
23
24   return (
25     <div className="bg-white w-full h-auto py-8">
26       <h2 className="text-4xl font-bold text-center tracking-wider mb-8">
27         New Arrivals
28       </h2>
29
30       <div className="grid grid-cols-1 gap-6 sm:grid-cols-2 md:grid-cols-2 lg:grid-cols-3 xl:grid-cols-4 px-6 sm:px-10">
31         {data.map((product) => (
32           <div key={product._id} className="bg-gray-200 rounded-lg shadow-md hover:shadow-lg transition-shadow duration-300">
33             <div className="w-full overflow-hidden rounded-t-md bg-gray-200 hover:opacity-80">
34               <Image
35                 src={product.imageUrl}
36                 alt="product image"
37                 className="object-cover object-center h-[200px] w-full"
38                 width={300}
39               />
40             <div>
41               <h3>{product.name}</h3>
42               <p>{product.price}</p>
43               <a href="#">View Product</a>
44             </div>
45           </div>
46         ))}
47       </div>
48     </div>
49   );
50 }
```



Products - page.tsx



```
src > app > products > page.tsx > + Product > stock
1  "use client";
2  import React, { useEffect, useState } from "react";
3  import sanityClient from "@sanity/client";
4  import Image from "next/image";
5  import Link from "next/link";
6
7  const sanity = sanityClient({
8    projectId: process.env.NEXT_PUBLIC_SANITY_PROJECT_ID,
9    dataset: "production",
10    apiVersion: "2022-03-25",
11    useCdn: true,
12    token: process.env.NEXT_PUBLIC_SANITY_TOKEN,
13  });
14
15  interface Product {
16    slug: string;
17    name: string;
18    description: string;
19    price: number;
20    category: string;
21    imageURL: string;
22    categoryName: string;
23    stock: number;
24    id: string;
25    image: {
26      asset: {
27        _ref: string;
28      };
29    };
30  }
31
32  export const ProductCards: React.FC = () => {
33    const [products, setProducts] = useState<Product[]>([]);
34    const [cart, setCart] = useState<Product[]>([]);
35
36    useEffect(() => {
37      const fetchProducts = async () => {
38        const query = `
39          *[_type == 'product'] {
```

Submitted on GitHub

