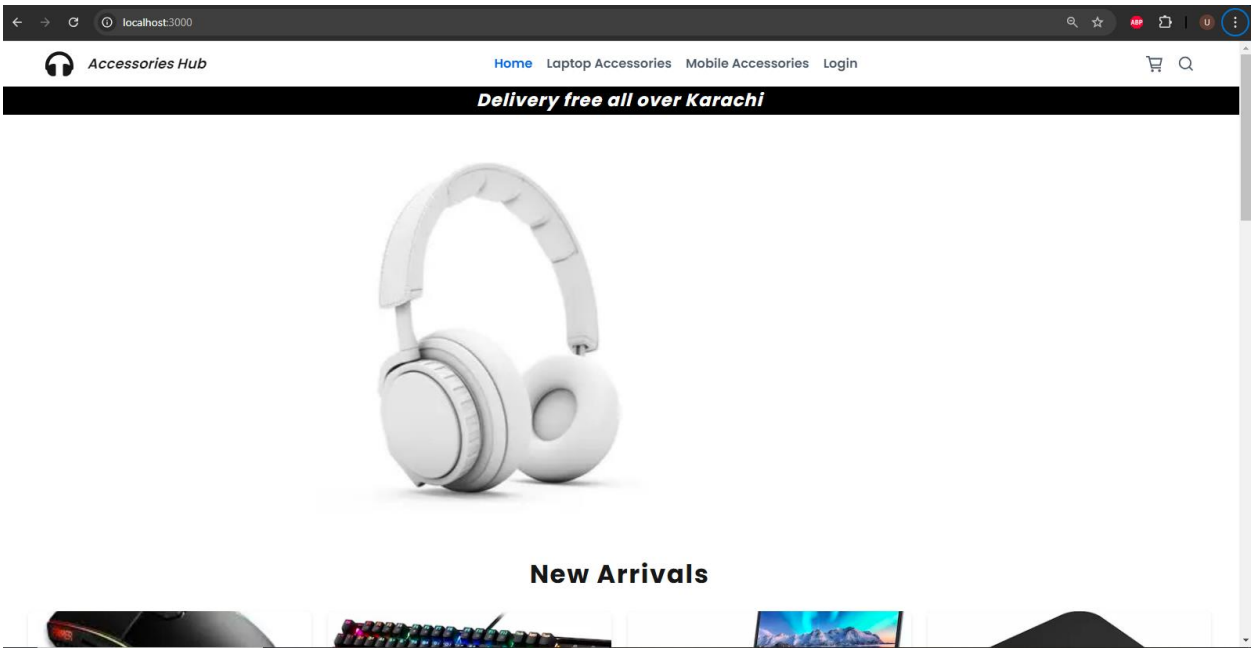
Name – Uzair Zia ID – 87866

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.

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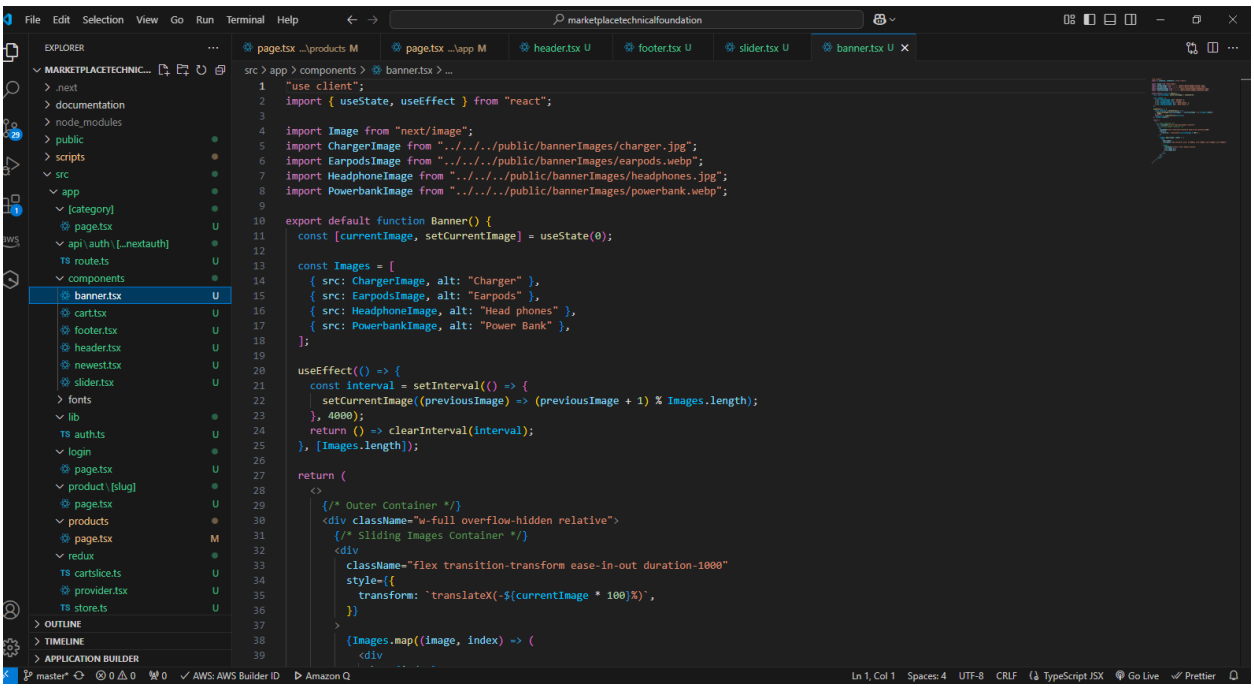
src > app > components > slider.tsx > Slider

```tsx
'use client'
import { useState, useEffect } from "react";

export default function Slider() {
  const [currentIndex, setCurrentIndex] = useState(0);

  const messages = [
    "Delivery free all over Karachi",
    "Exchange and refund can be done",
    "Discounts available on shopping 5+ Products"
  ];

  useEffect(() => {
    const interval = setInterval(() => {
      setCurrentIndex((lastIndex) => (lastIndex + 1) % messages.length);
    }, 5000);

    return () => clearInterval(interval);
  }, [messages.length]);

  return (
    <div className="w-full h-[40px] bg-black flex items-center justify-center mt-16 ">
      <p className="italic text-white font-bold tracking-wider text-[14px] sm:text-[18px] md:text-[20px] lg:text-[25px]">
        {messages[currentIndex]}
      </p>
    </div>
  );
}
```

Banner.tsx



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.

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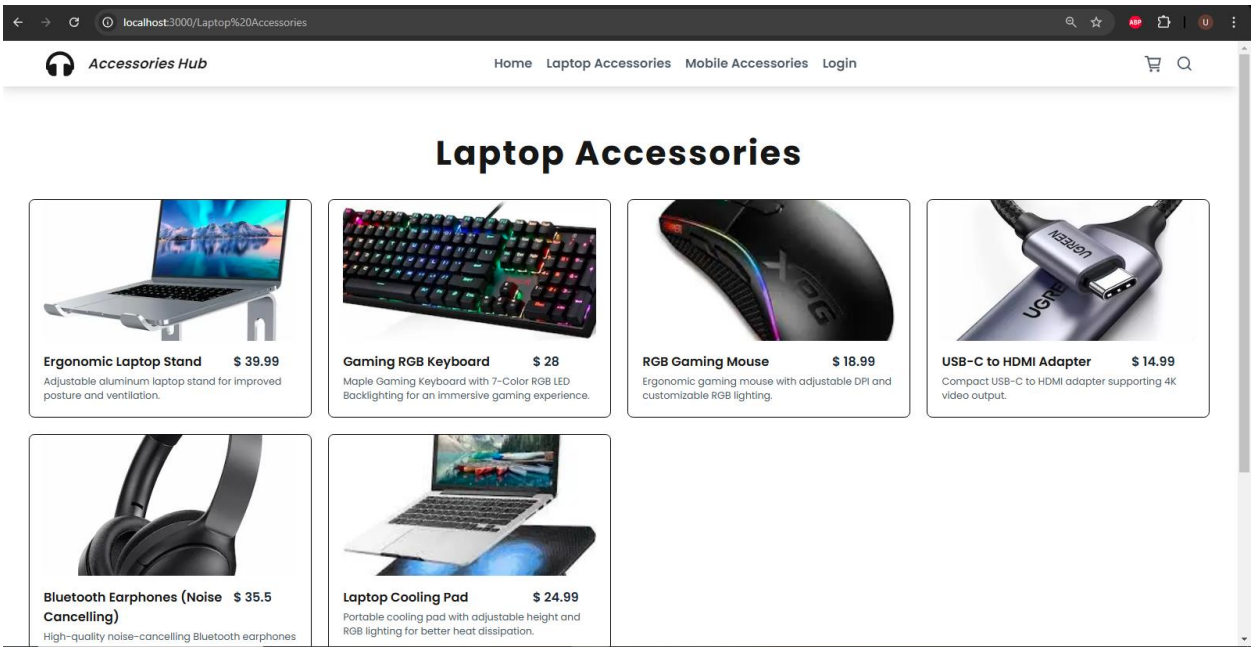
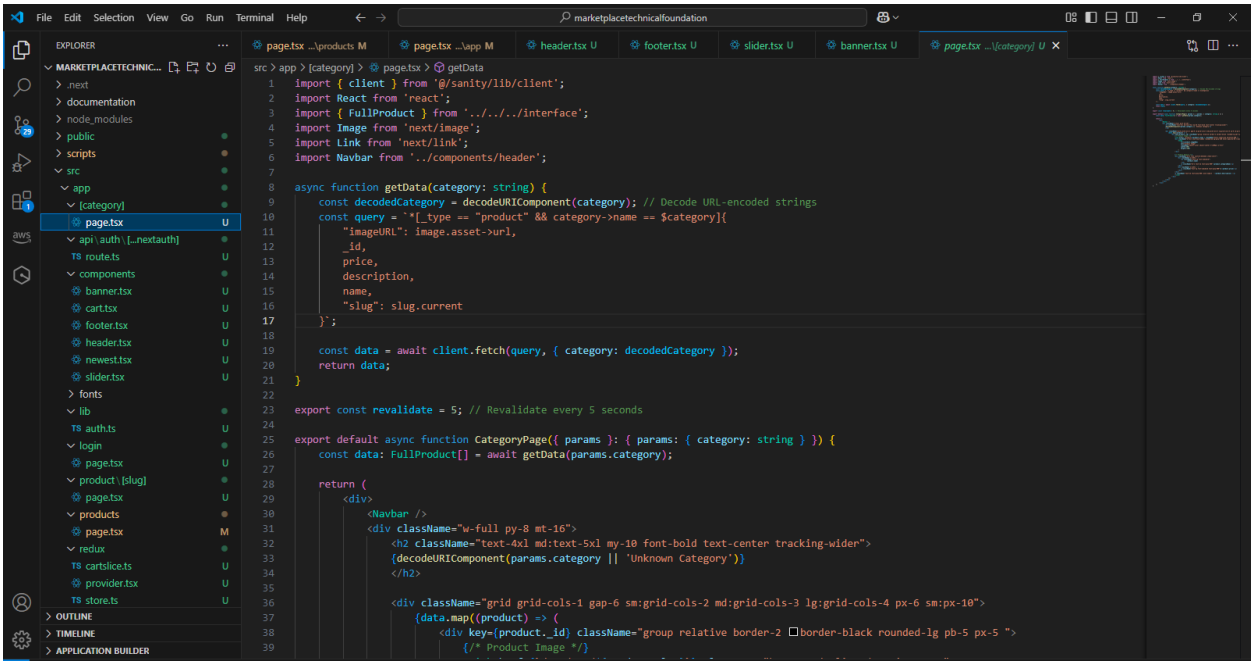


Category – page.tsx



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

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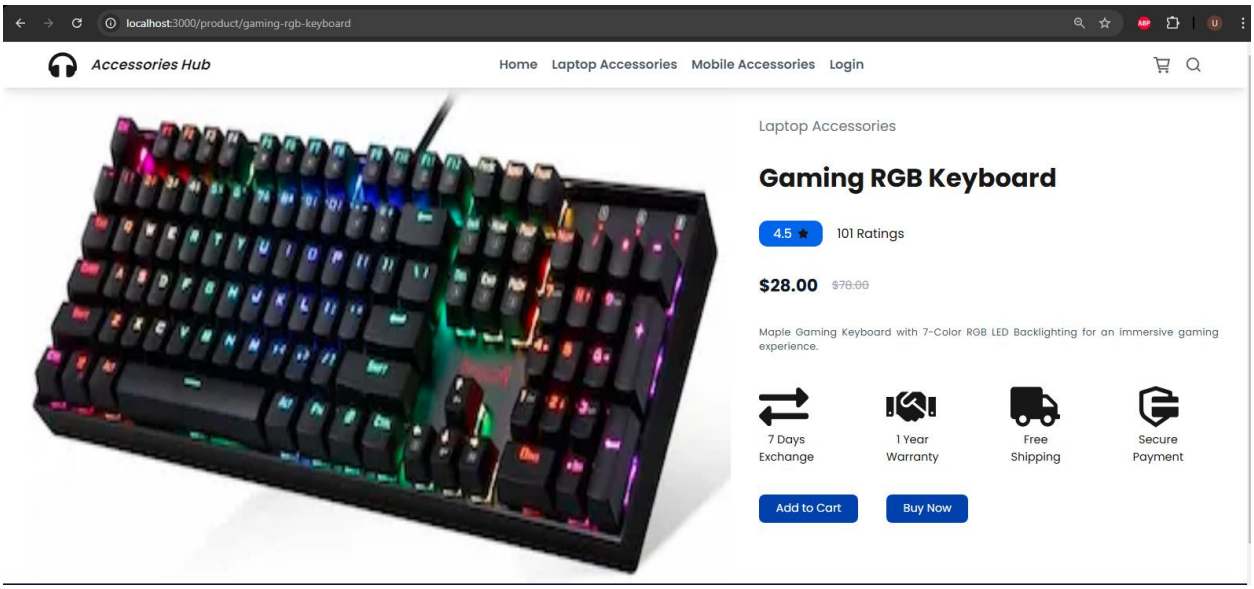
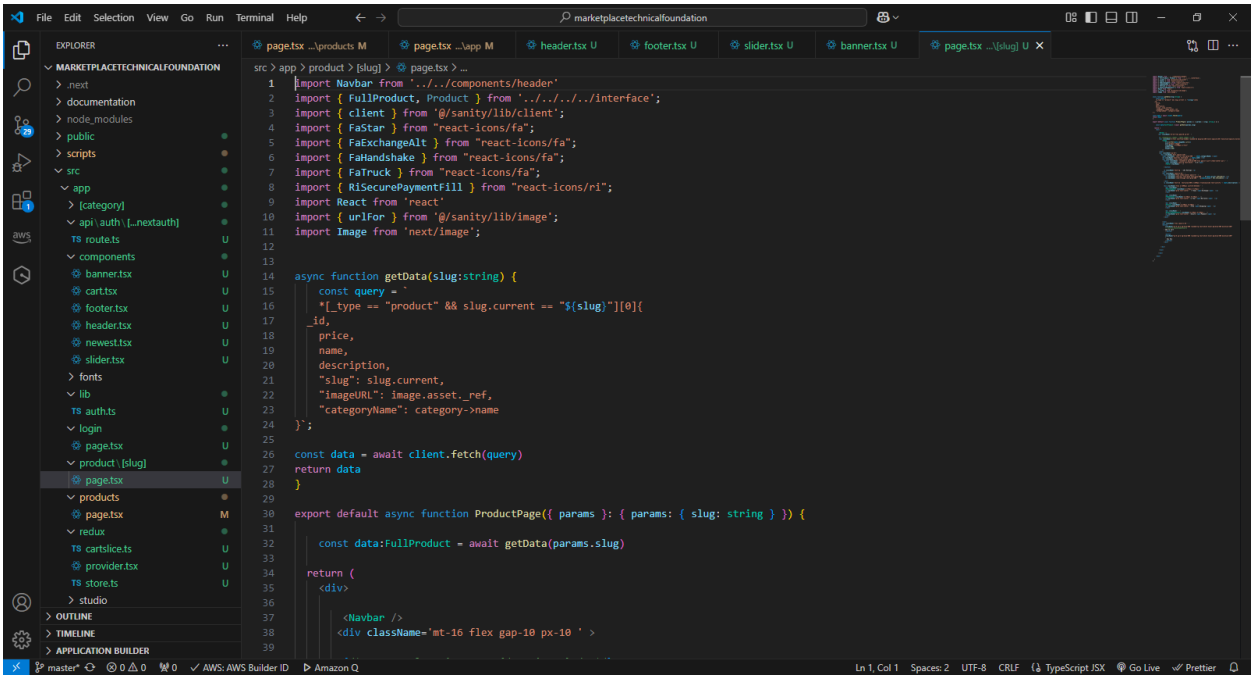


Product – slug – page.tsx



```
import Navbar from '../../components/header'
import { FullProduct, Product } from '../../../../interface';
import { client } from '@/sanity/lib/client';
import { FaStar } from "react-icons/fa";
import { FaExchangeAlt } from "react-icons/fa";
import { FaHandshake } from "react-icons/fa";
import { FaTruck } from "react-icons/fa";
import { RiSecurePaymentFill } from "react-icons/ri";
import React from 'react'
import { urlFor } from '@/sanity/lib/image';
import Image from 'next/image';


async function getData(slug:string) {
    const query = `
    *[_type == "product" && slug.current == "${slug}"][0]{
  _id,
    price,
    name,
    description,
    "slug": slug.current,
    "imageURL": image.asset._ref,
    "categoryName": category->name
}`;

const data = await client.fetch(query)
return data
}

export default async function ProductPage({ params }: { params: { slug: string } }) {

    const data:FullProduct = await getData(params.slug)

  return (
    <div>

        <Navbar />
        <div className='mt-16 flex gap-10 px-10 ' >
```

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

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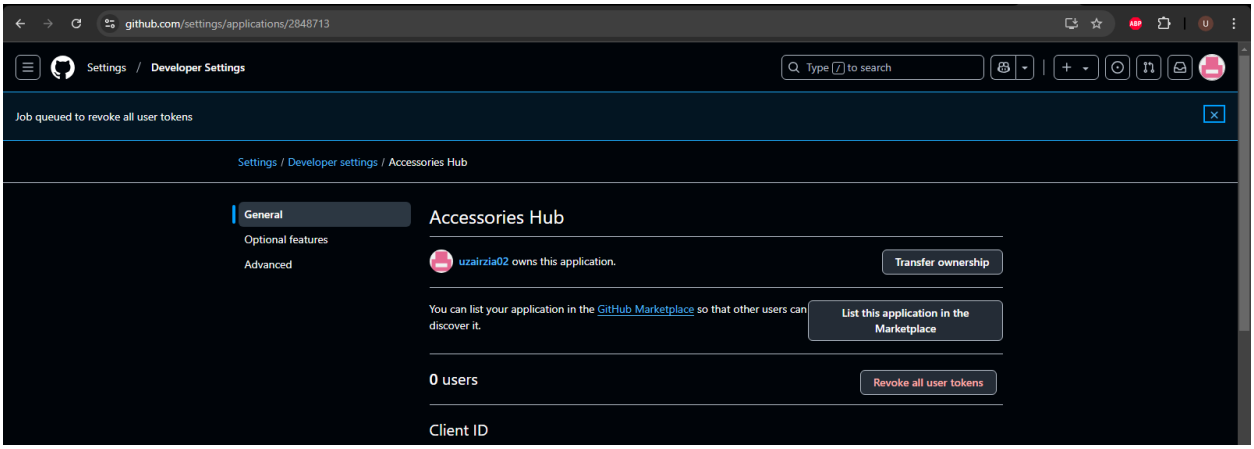
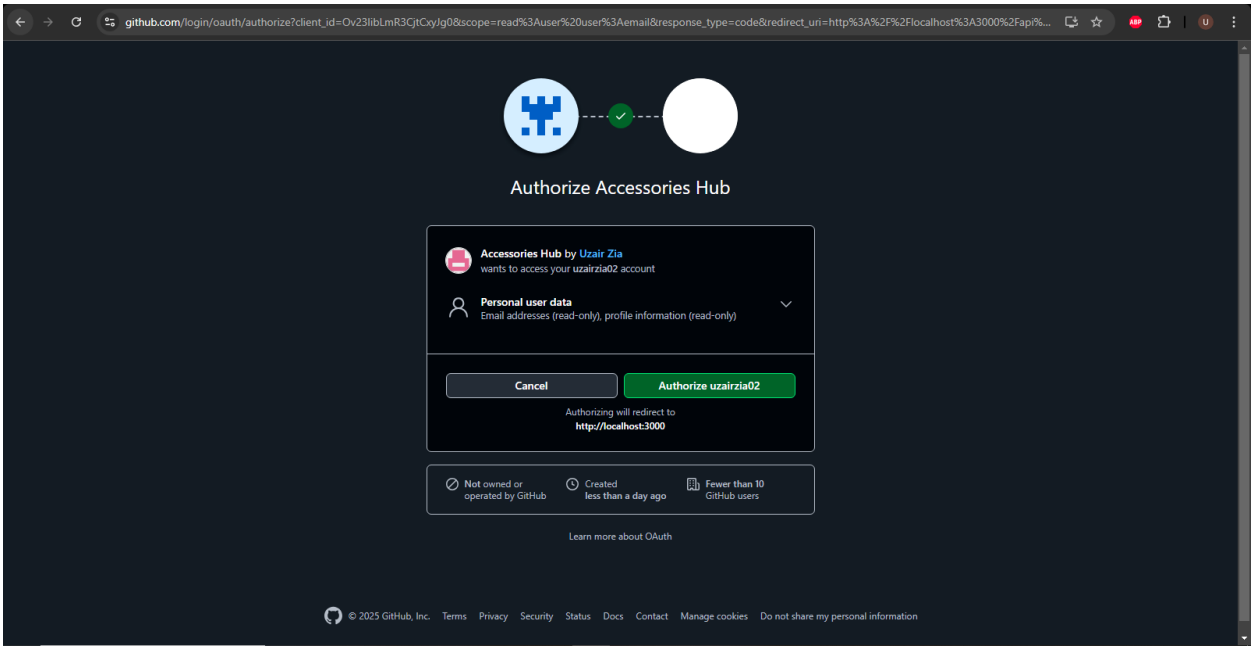
Login linked with Github using Authentication





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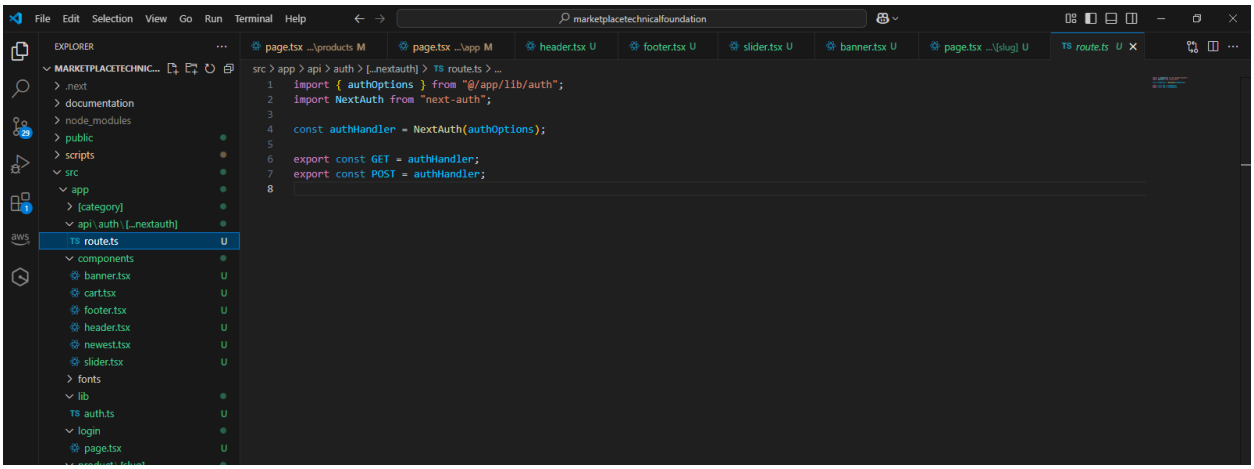
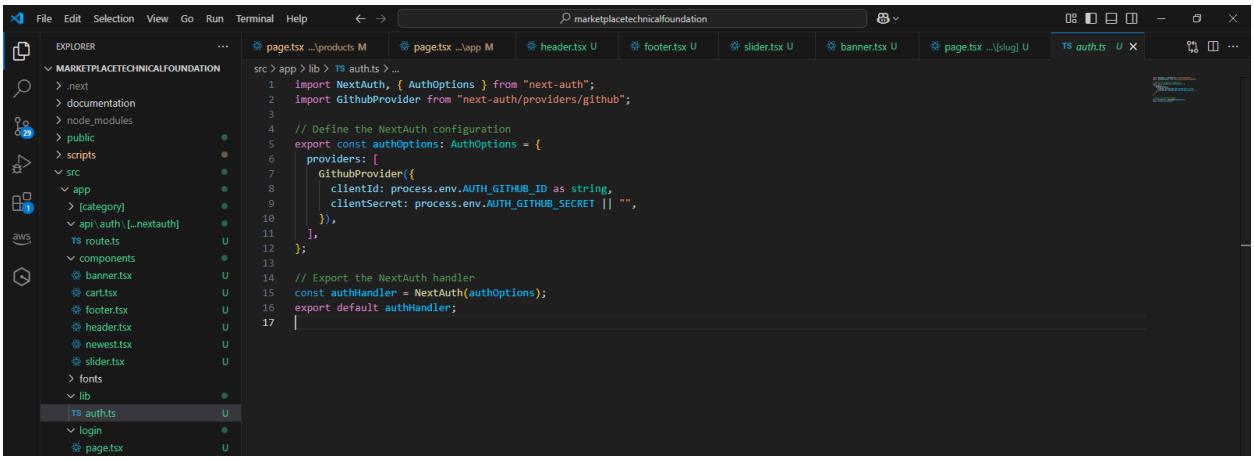
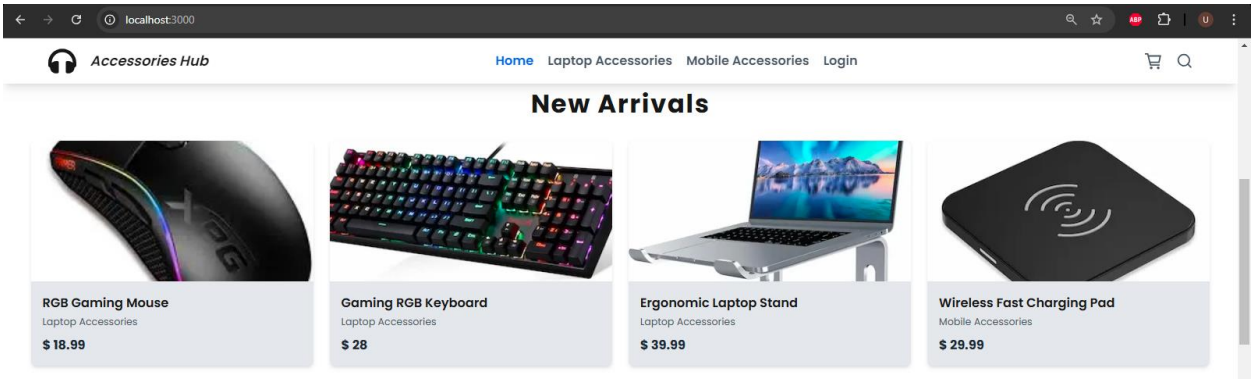




New arrivals is fetching data dynamically from the latest four products



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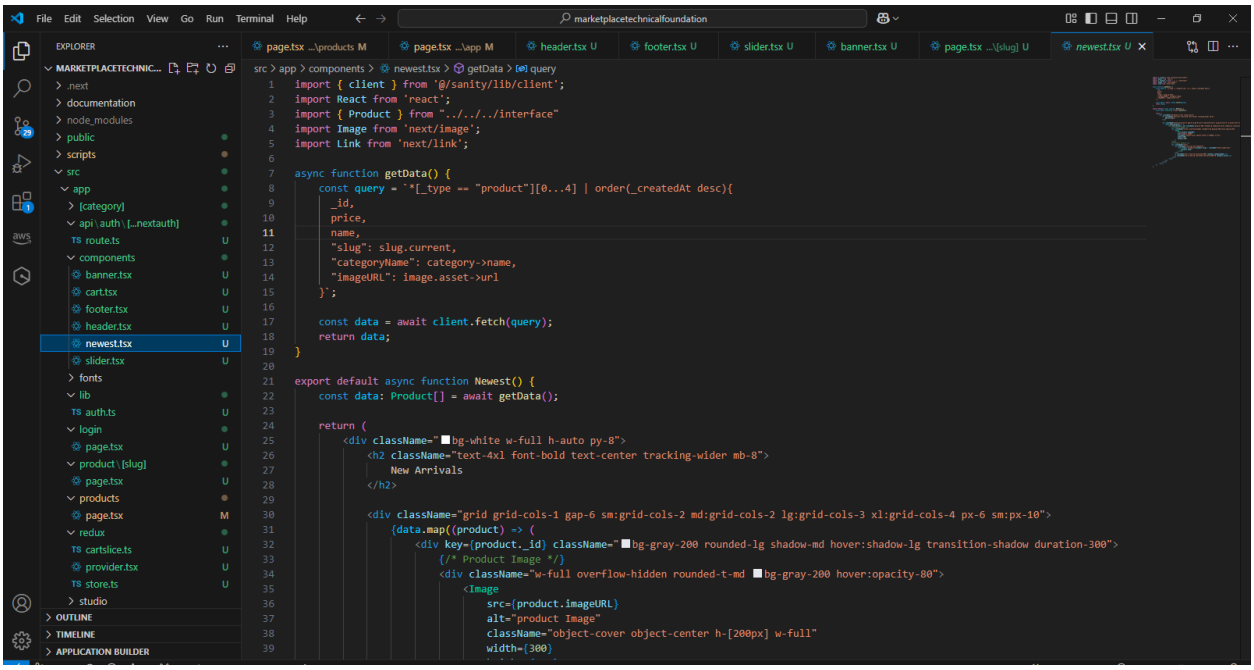
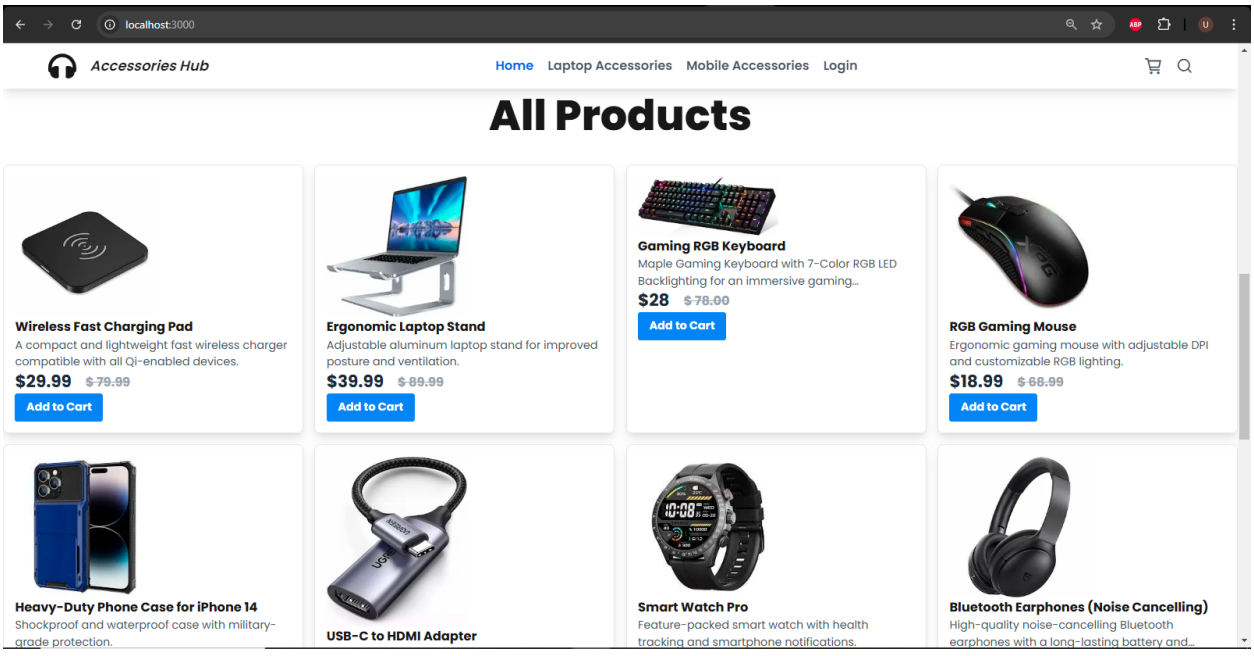
All products is fetching data from sanity dynamically

Newest.tsx



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

async function getData() {
    const query = `*[_type == "product"][0...4] | order(_createdAt desc){
      _id,
      price,
      name,
      "slug": slug.current,
      "categoryName": category->name,
      "imageURL": image.asset->url
    }`;

    const data = await client.fetch(query);
    return data;
}

export default async function Newest() {
    const data: Product[] = await getData();

    return (
        <div className="bg-white w-full h-auto py-8">
            <h2 className="text-4xl font-bold text-center tracking-wider mb-8">
              New Arrivals
            </h2>

            <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">
                {data.map((product) => (
                    <div key={product._id} className="bg-gray-200 rounded-lg shadow-md hover:shadow-lg transition-shadow duration-300">
                        {/* Product Image */}
                        <div className="w-full overflow-hidden rounded-t-md bg-gray-200 hover:opacity-80">
                            <Image
                                src={product.imageURL}
                                alt="product Image"
                                className="object-cover object-center h-[200px] w-full"
                                width={300}
```



Products - page.tsx

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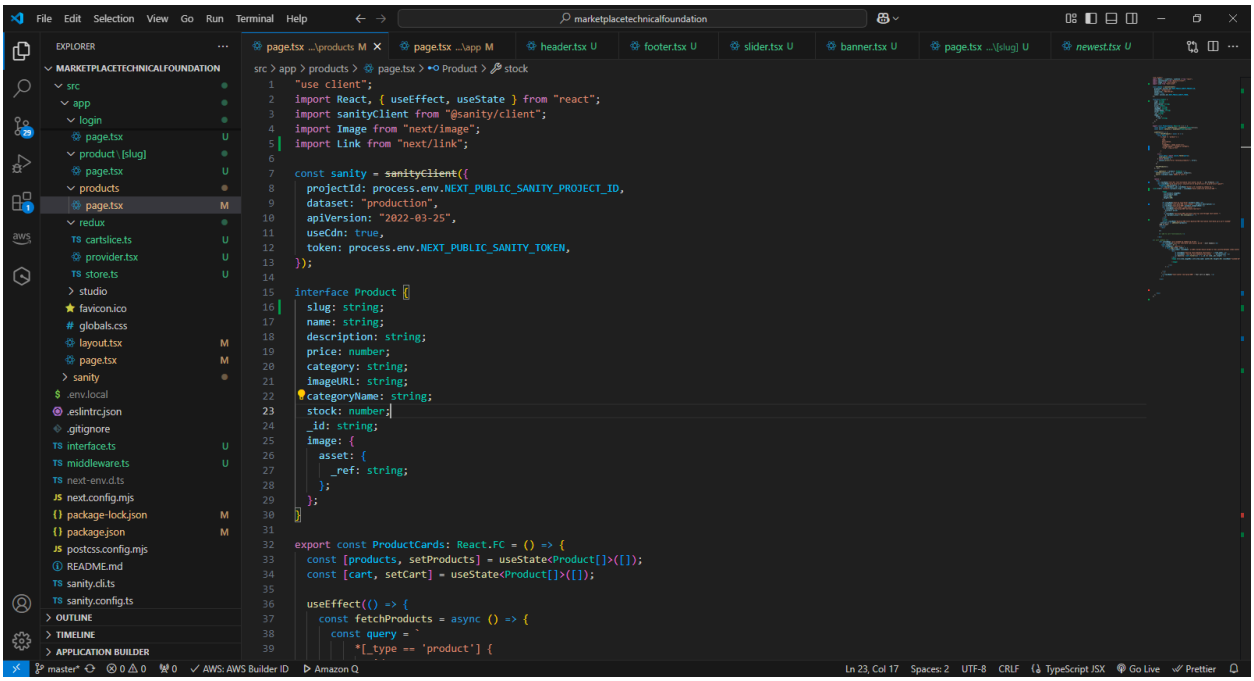
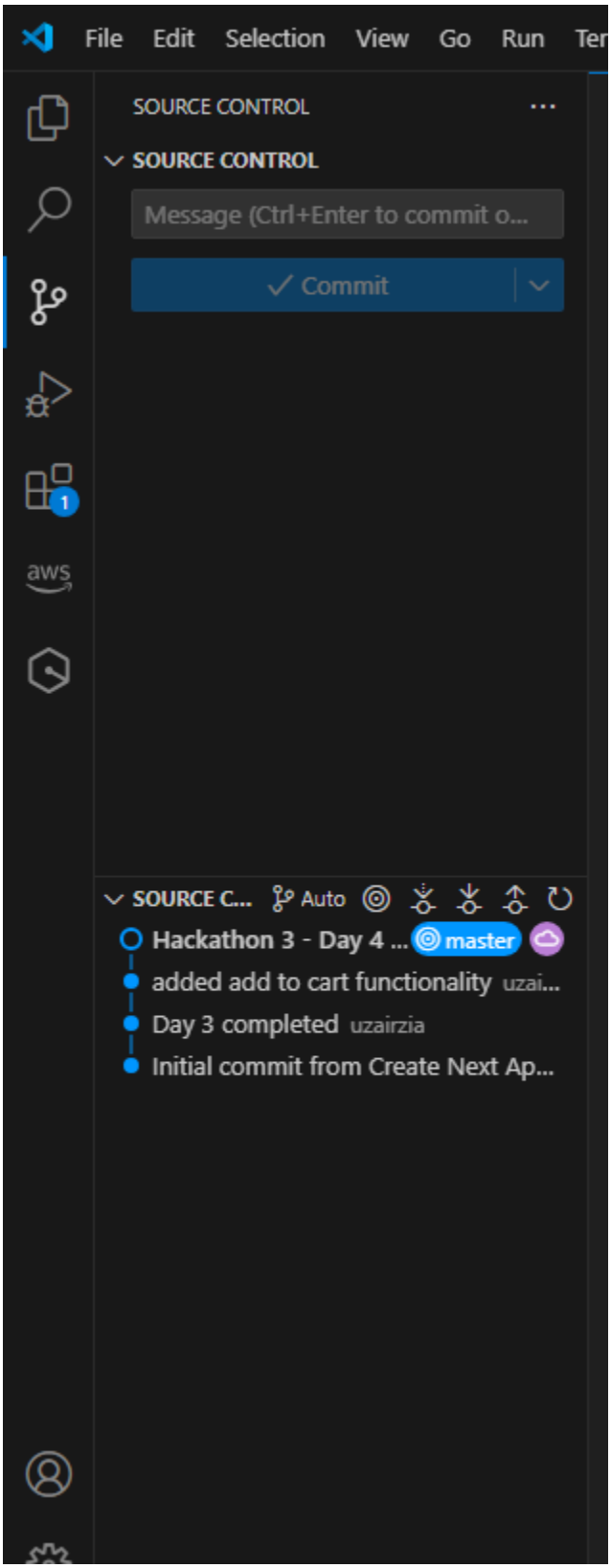


Submitted on GitHub

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