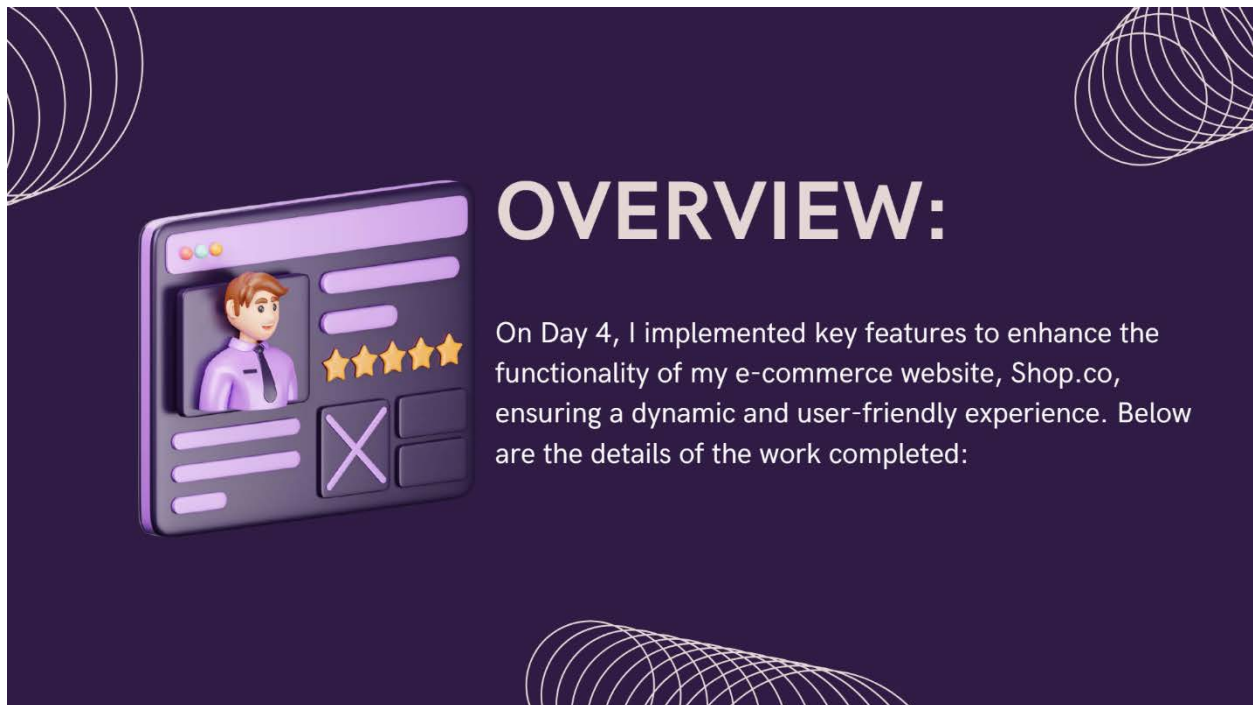


Day 4 - Building Dynamic Frontend Components for Shop.co



```
4 import fetchProducts from "../data"; // Import your fetchProducts function
5 import Card from "../card"; // Import the Card component
6 import { Product } from "../../typings";
7 import Link from "next/link";
8
9 export default function Arrivals() {
10   const [products, setProducts] = useState<Product[]>([]); // State to hold the fetched products
11
12   // Fetch data when the component mounts
13   useEffect(() => {
14     const getProducts = async () => {
15       const data = await fetchProducts(); // Fetch products using the asynchronous function
16       console.log(data)
17       setProducts(data.slice(0,4)); // Update the state with the fetched data
18     };
19
20     getProducts();
21   }, []);
22
23   return (
24     <>
25     <div className="bg-white flex items-center flex-col justify-center object-cover">
26       <h1 className="pt-5 font-integral text-[48px] font-bold leading-[57.6px]">
27         New Arrivals
28       </h1>
```

Data is fetched from sanity and displayed in arrivals component, I have made different components for different categories so my main page.tsx file is very easy to understand.

Here is the dynamic data displayed on my website

As data is more and my Ui need to display only 4 items in new arrivals category , I used slice method to get only 4 first items of my sanity data.

New Arrivals



COURAGE GRAPHIC T-SHIRT

★★★★☆ 4.5/5

\$ 145



Vertical Striped Shirt

★★★★☆ 4.5/5

\$ 229



Skinny Fit Jeans

★★★★☆ 4.5/5

\$ 240



Classic Polo Shirt



★★★★☆ 4.5/5

\$ 180



[View All](#)

I created a dynamic routing for all products so when user clicks on a single product he will lead to productdetails page .







Vertical Striped Shirt

★★★★☆

\$114.50 ~~\$229.00~~ - 50%

This product is a stylish vertical striped shirt, featuring alternating green and darker green stripes for a sophisticated, yet casual look. The shirt has a simple button-down design with a modern band collar, offering a clean and sharp appearance. Its long sleeves and breathable fabric make it an ideal choice for various occasions, from a laid-back day out to semi-casual gatherings. The subtle stripe pattern adds a unique touch while maintaining versatility, allowing it to pair well with both jeans and chinos.

Select Colors



Choose Size

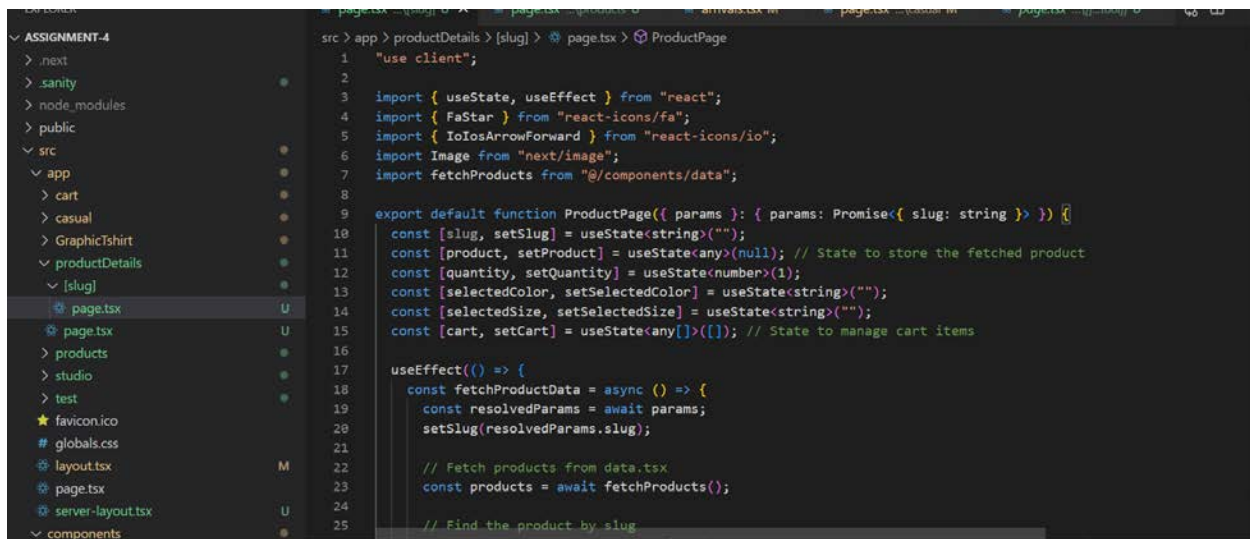
- 1 +

Now I used usestate and use effect for controlling the data and set add to cart functionality in it

So user can select size,color,and number of products.

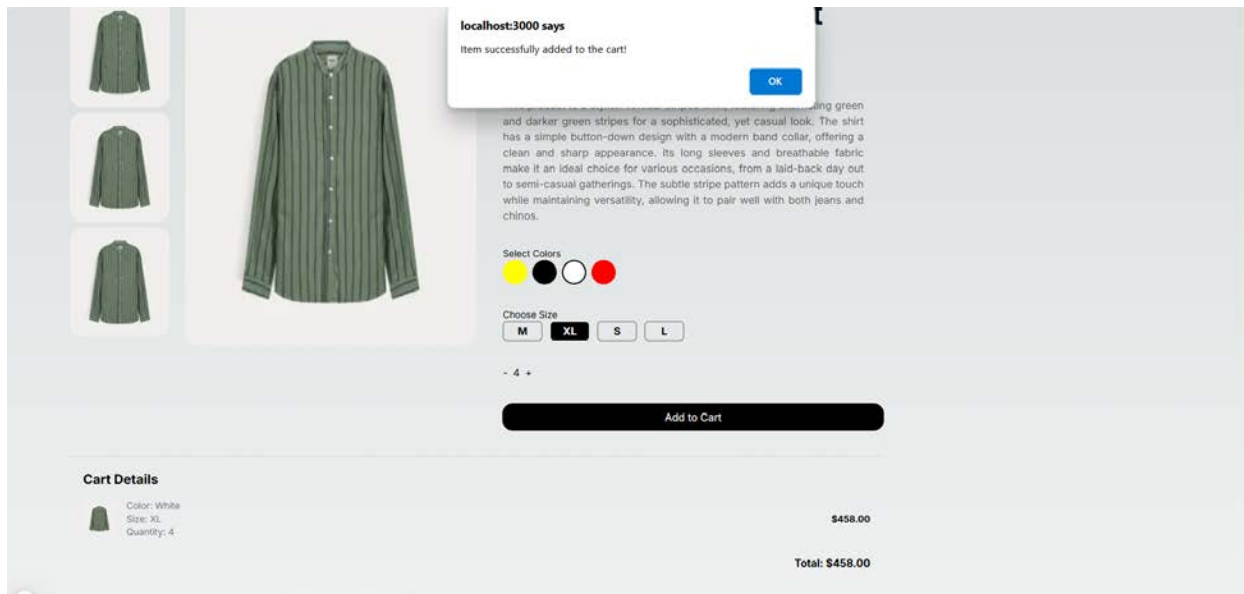


Now the products data is collected in cart dynamically



Notifications

When user clicks on add to cart it,displays a notification that the products is added in the cart



On the bottom cart details are also displayed

```
const handleAddToCart = () => {  
  const newCartItem = {  
    image: product.imageUrl, // Ensure correct property is used  
    color: selectedColor,  
    size: selectedSize,  
    quantity,  
    totalPrice,  
  };  
  
  setCart([...cart, newCartItem]); // Update cart state  
  alert("Item successfully added to the cart!");  
} else {  
  alert("Please select a color, size, and make sure the product is loaded.");  
}  
};
```

Payment system:

We'll learn it after hackathon3

Authentication:

We'll learn it after hackathon on class

THANK
YOU

