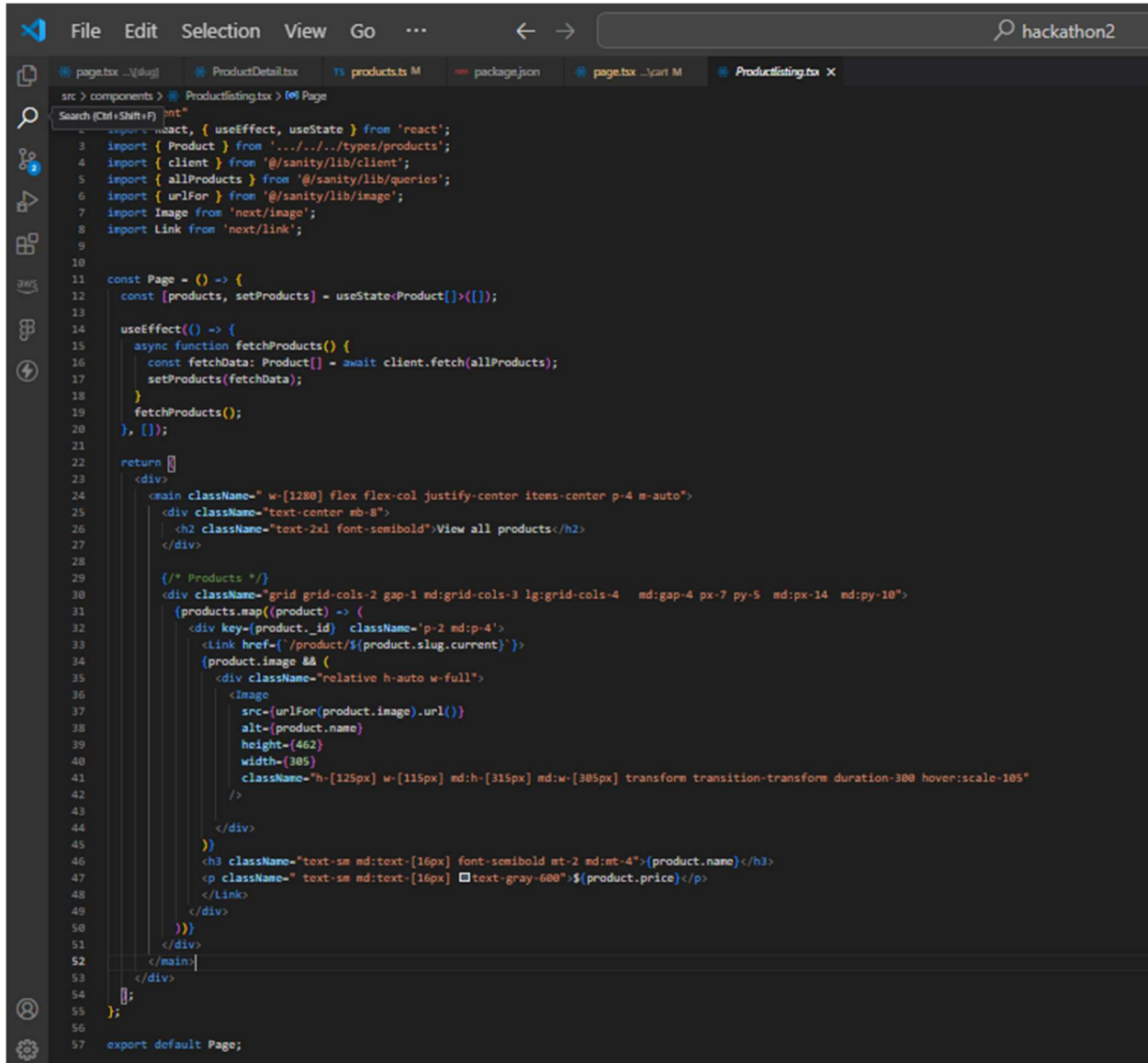# "Day 4 - Dynamic Frontend Components - [Avion]"
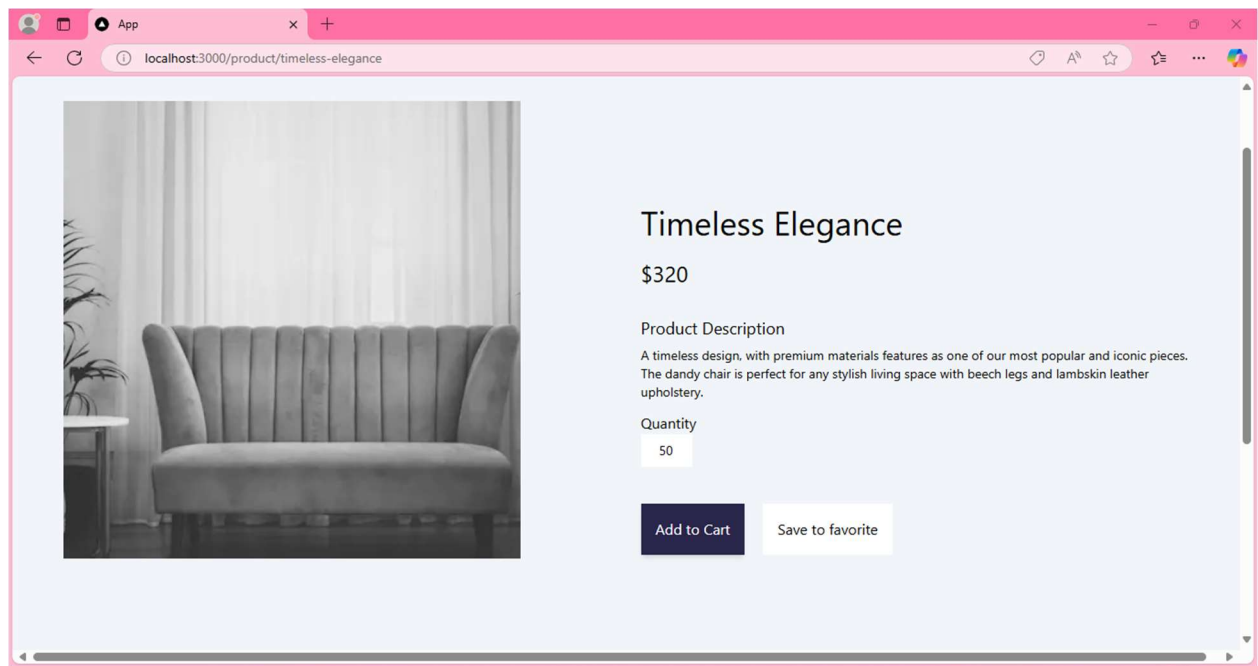
Product Listing

```tsx
import React, { useEffect, useState } from 'react';
import { Product } from '.../../../types/products';
import { client } from '@/sanity/lib/client';
import { allProducts } from '@/sanity/lib/queries';
import { urlFor } from '@/sanity/lib/image';
import Image from 'next/image';
import Link from 'next/link';


const Page = () => {
  const [products, setProducts] = useState<Product[]>([]);

  useEffect(() => {
    async function fetchProducts() {
      const fetchData: Product[] = await client.fetch(allProducts);
      setProducts(fetchData);
    }
    fetchProducts();
  }, []);

  return (
    <div>
      <main className=" w-[1280] flex flex-col justify-center items-center p-4 m-auto">
        <div className="text-center mb-8">
          <h2 className="text-2xl font-semibold">View all products</h2>
        </div>

        {/* Products */}
        <div className="grid grid-cols-2 gap-1 md:grid-cols-3 lg:grid-cols-4  md:gap-4 px-7 py-5  md:px-14  md:py-10">
          {products.map((product) => (
            <div key={product._id}  className='p-2 md:p-4'>
              <Link href={`/product/${product.slug.current}`}>
                {product.image && (
                  <div className="relative h-auto w-full">
                    <Image
                      src={urlFor(product.image).url()}
                      alt={product.name}
                      height={462}
                      width={305}
                      className="h-[125px] w-[115px] md:h-[315px] md:w-[305px] transform transition-transform duration-300 hover:scale-105"
                    />

                  </div>
                )}
                <h3 className="text-sm md:text-[16px] font-semibold mt-2 md:mt-4">{product.name}</h3>
                <p className=" text-sm md:text-[16px] text-gray-600">${product.price}</p>
              </Link>
            </div>
          ))}
        </div>
      </main>
    </div>
  );
};

export default Page;
```

🔍   Avion   🛒 👤

Home   About   Products   Plant pots   Ceramics   Tables   Chairs   Crockery   Tableware   Cutlery

View all products

The Poplar suede sofa
$980

Tropical Vibe
$550

Sleek Living
$300

Serene Seat
$350

View all products

Product Detail

```
src > components > ProductDetail.tsx > ProductDetail
13    export default function ProductDetail({ product }: ProductDetailProps) {
14        const handleAddToCart = (e: React.MouseEvent, product: Product) => {
22        });
23
24            addToCart(product);
25        };
26
27        return (
28            <div className='w-full mx-auto px-4 bg-slate-100 py-10'>
29                <main className='grid grid-cols-1 md:grid-cols-2 gap-8 px-4 md:px-10'>
30                    <div className='aspect-square w-full'>
31                        {product.image && (
32                            <Image
33                                src={urlFor(product.image).url()}
34                                alt={product.name}
35                                height={500}
36                                width={500}
37                                className='h-[500px] w-[500px] object-cover'
38                            />
39                        )}
40                    </div>
41                    <div className='flex flex-col justify-center'>
42                        <h1 className='text-2xl md:text-4xl font-normal pt-6 md:pt-2'>{product.name}</h1>
43                        <p className='text-xl md:text-2xl font-normal pt-3 md:pt-5'>${product.price}</p>
44                        <p className='text-base md:text-[18px] font-normal pt-4 md:pt-8'>Product Description</p>
45                        <p className='text-sm font-normal pt-2'>{product.description}</p>
46                        <p className='pt-3'>Quantity</p>
47                        <p className='text-sm font-normal pt-2 px-5 py-2 bg-white w-14'>{product.quantity}</p>
48
49                        <div className='mt-6 md:mt-10'>
50                            <button
51                                className='px-4 py-2 md:px-4 md:py-4 shadow-md bg-[#2A2548] mr-5 text-white hover:bg-[#3d3577]'
52                                onClick={(e) => handleAddToCart(e, product)}
53                            >
54                                Add to Cart
55                            </button>
56                            <button className='px-4 py-2 md:px-4 md:py-4 bg-white'>Save to favorite</button>
57                        </div>
58                    </div>
59                </main>
60            </div>
61        );
62    }
```
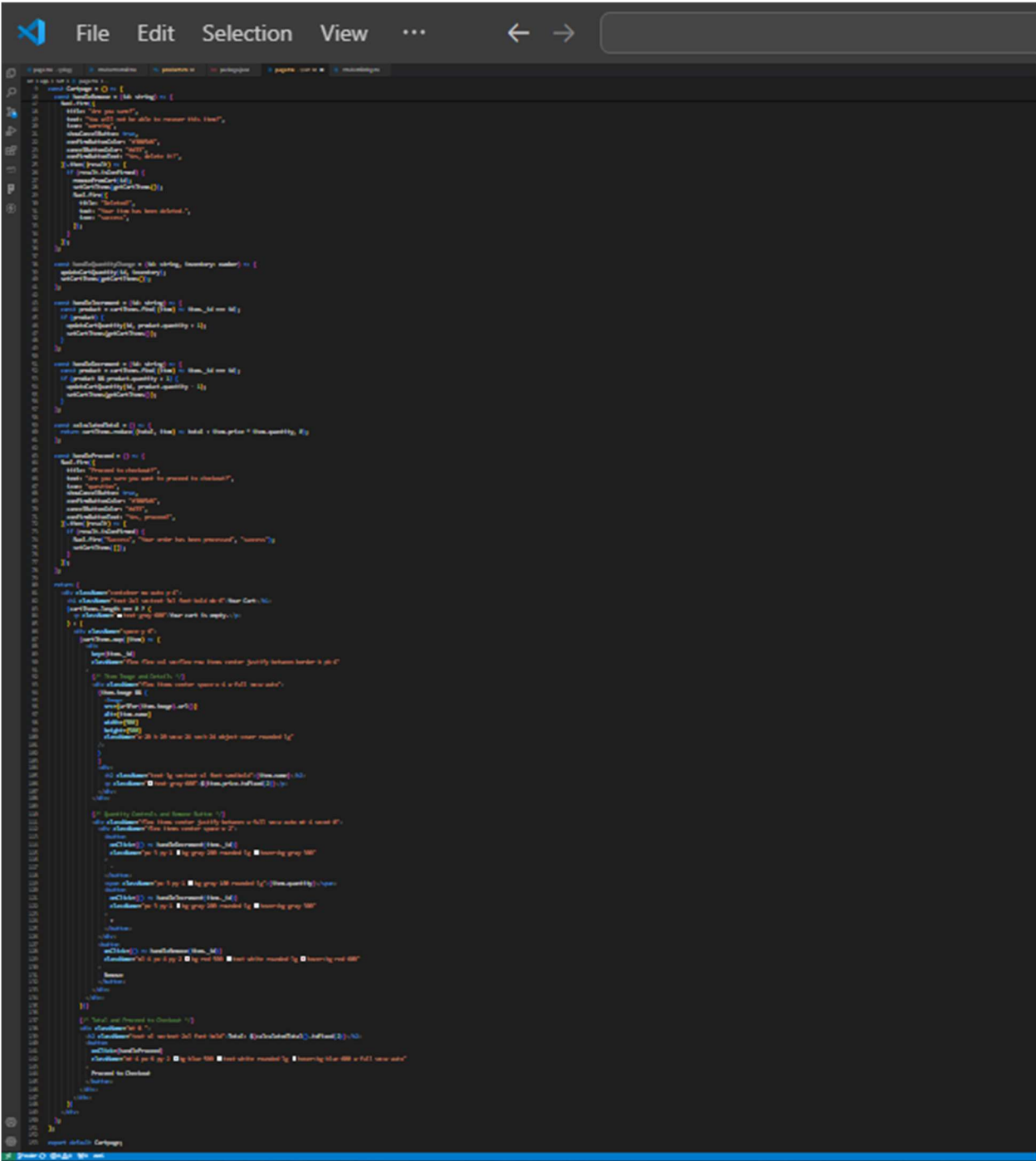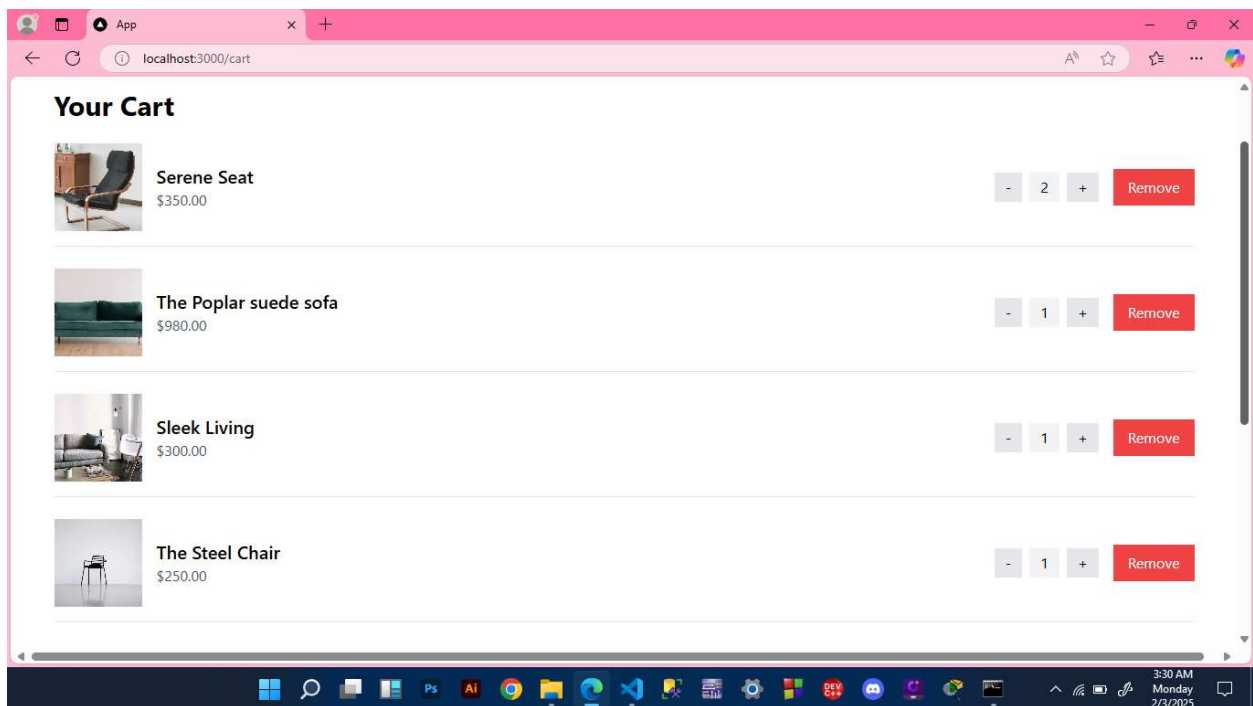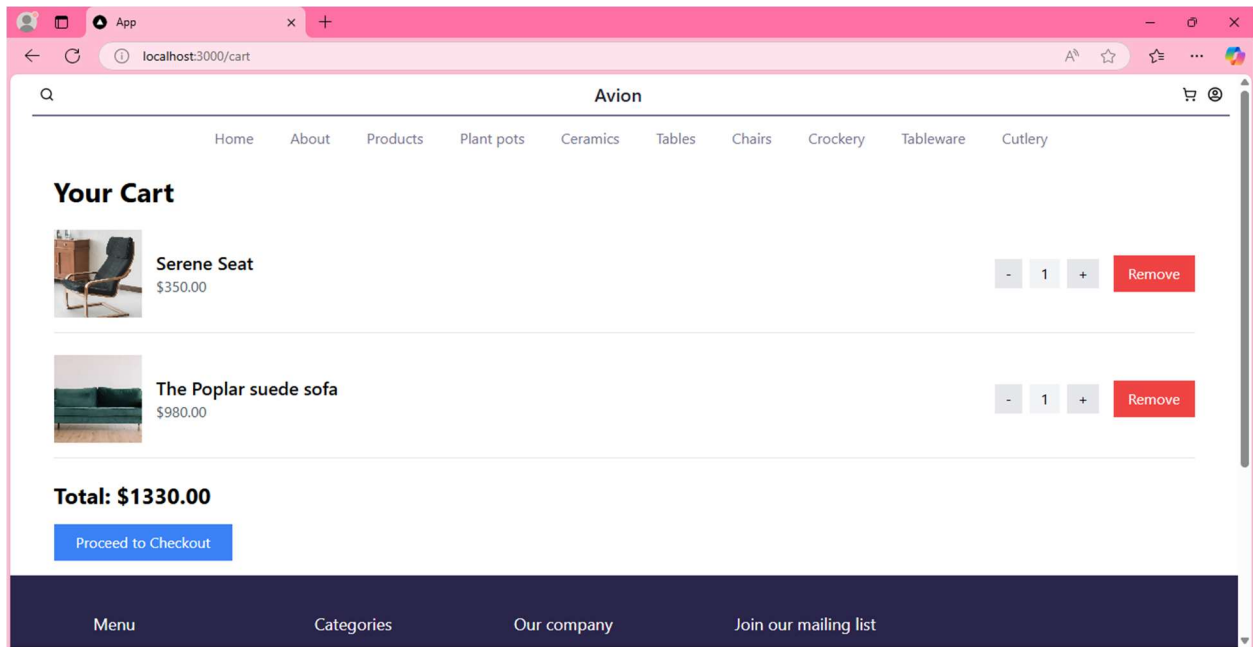
Timeless Elegance

$320

Product Description

A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for any stylish living space with beech legs and lambskin leather upholstery.

Quantity

50

[Add to Cart] [Save to favorite]

Cart

Checklist for Day 4:

Self-Validation Checklist:

Frontend Component Development: ✓

Styling and Responsiveness: ✓

Code Quality: ✓

Documentation and Submission: ✓

Final Review: ✓