

# Day 4 – Implementation Report .

## Objective:

### 1. Ecommerce Website Overview

The purpose of this **eCommerce website** is to showcase an exclusive collection of furniture in such a compelling way that visitors feel compelled to make a purchase. The website is designed to captivate potential customers by presenting chairs and other furniture pieces so attractively that they instantly fall in love with them.

Every aspect of the design and functionality is tailored to create an immersive shopping experience, ensuring that visitors not only browse but also feel encouraged to buy. By combining **aesthetic appeal, seamless navigation, and high-quality visuals**, the platform transforms casual visitors into satisfied buyers.

### 2. Steps Taken to Build and Integrate Components:

- Frontend Development:
  - Website ka design create karna (e.g., homepage, product page, cart, etc.).
  - React, Next.js ya kisi aur frontend technology ka use karna.
  - Tailwind CSS ka istemal karke responsive design banana.
  - .

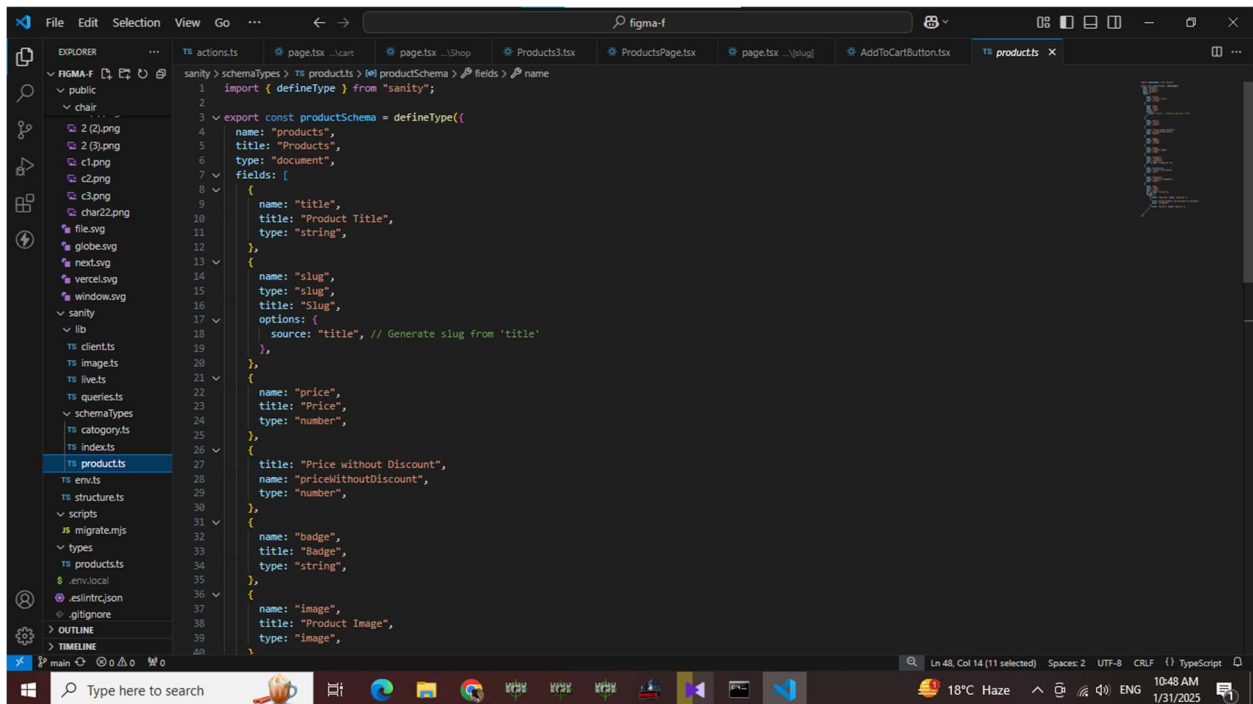
### Backend Development

User authentication aur authorization ke liye JWT token ka use karna.

### ☐ Component Integration:

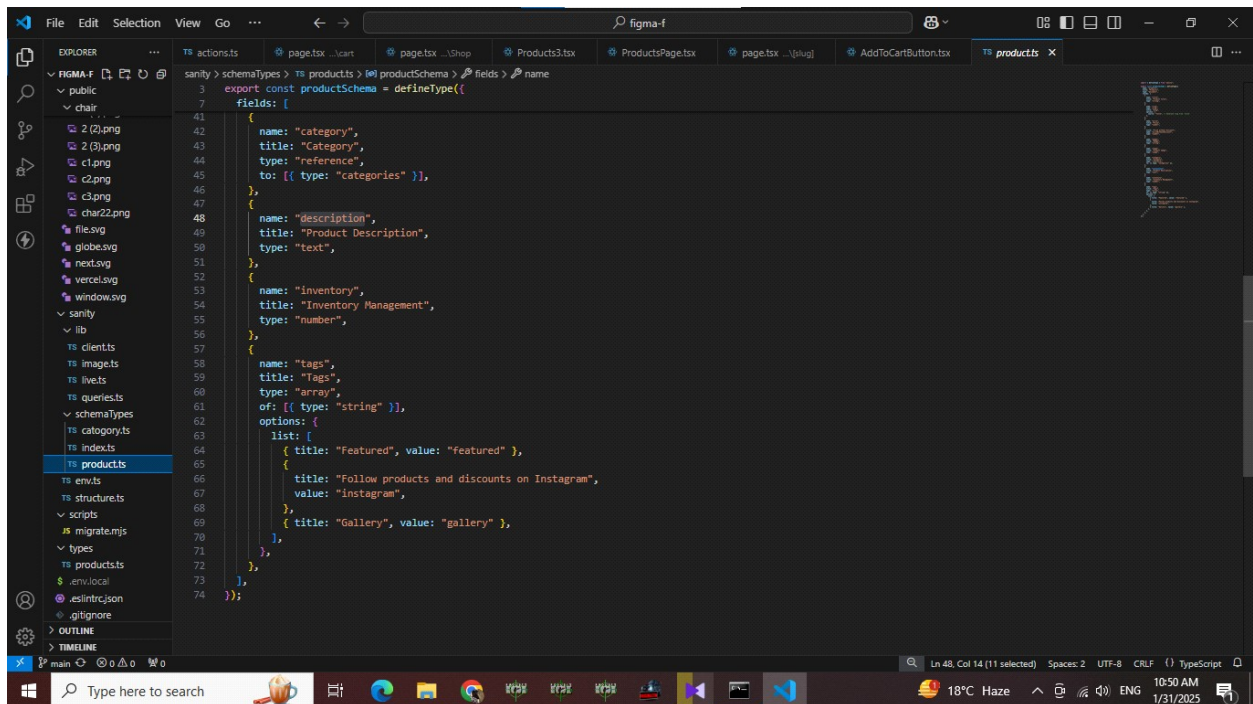
- Cart system, user profile, and checkout process ko integrate karna.

# Product Schema



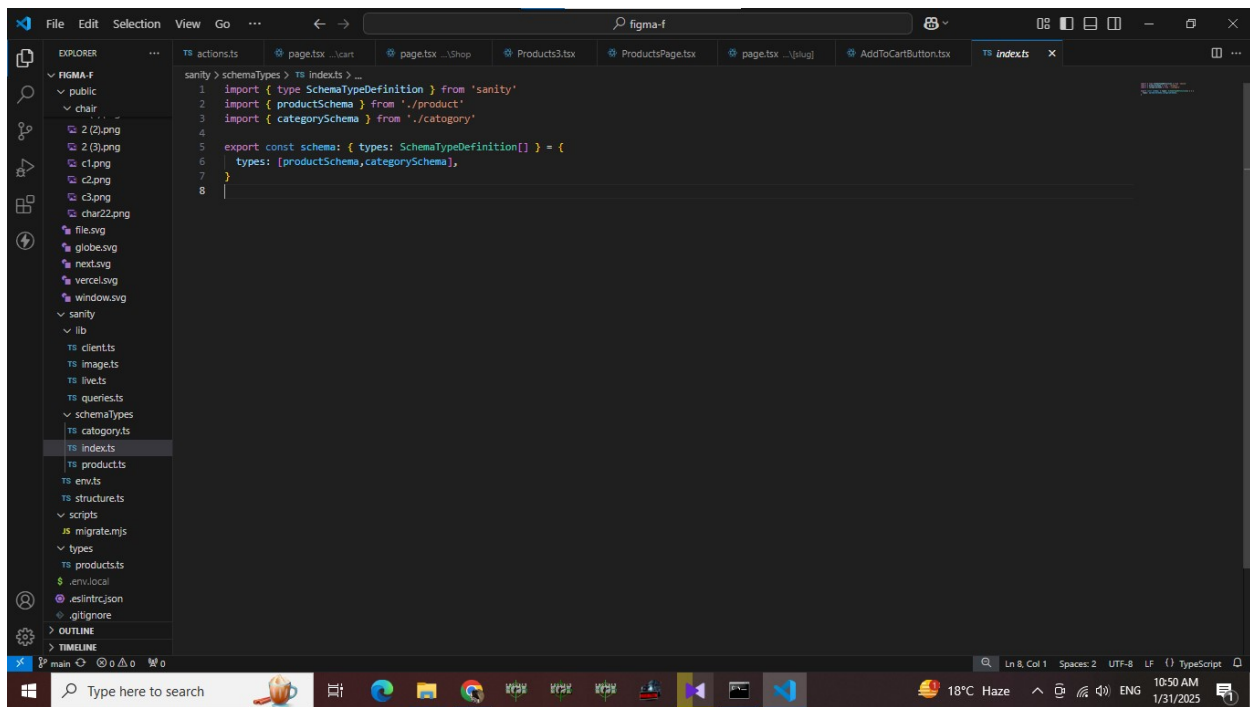
This screenshot shows the initial definition of the `productSchema` in a TypeScript file. The schema is defined using the `defineType` function from the `sanity` library. It includes fields for `title` (string), `slug` (slug), `price` (number), and `image` (image). The `slug` field has an option to generate a slug from the `title`. The `price` field has a title "Price without Discount" and a name `priceWithoutDiscount`.

```
sanity > schemaTypes > TS products > productSchema > fields > name
1  import { defineType } from 'sanity';
2
3  export const productSchema = defineType({
4    name: 'products',
5    title: 'Products',
6    type: 'document',
7    fields: [
8      {
9        name: 'title',
10       title: 'Product Title',
11       type: 'string',
12     },
13     {
14       name: 'slug',
15       type: 'slug',
16       title: 'Slug',
17       options: {
18         source: 'title', // Generate slug from 'title'
19       },
20     },
21     {
22       name: 'price',
23       title: 'Price',
24       type: 'number',
25     },
26     {
27       title: 'Price without Discount',
28       name: 'priceWithoutDiscount',
29       type: 'number',
30     },
31     {
32       name: 'badge',
33       title: 'Badge',
34       type: 'string',
35     },
36     {
37       name: 'image',
38       title: 'Product Image',
39       type: 'image',
40     },
41   ],
42 });
```

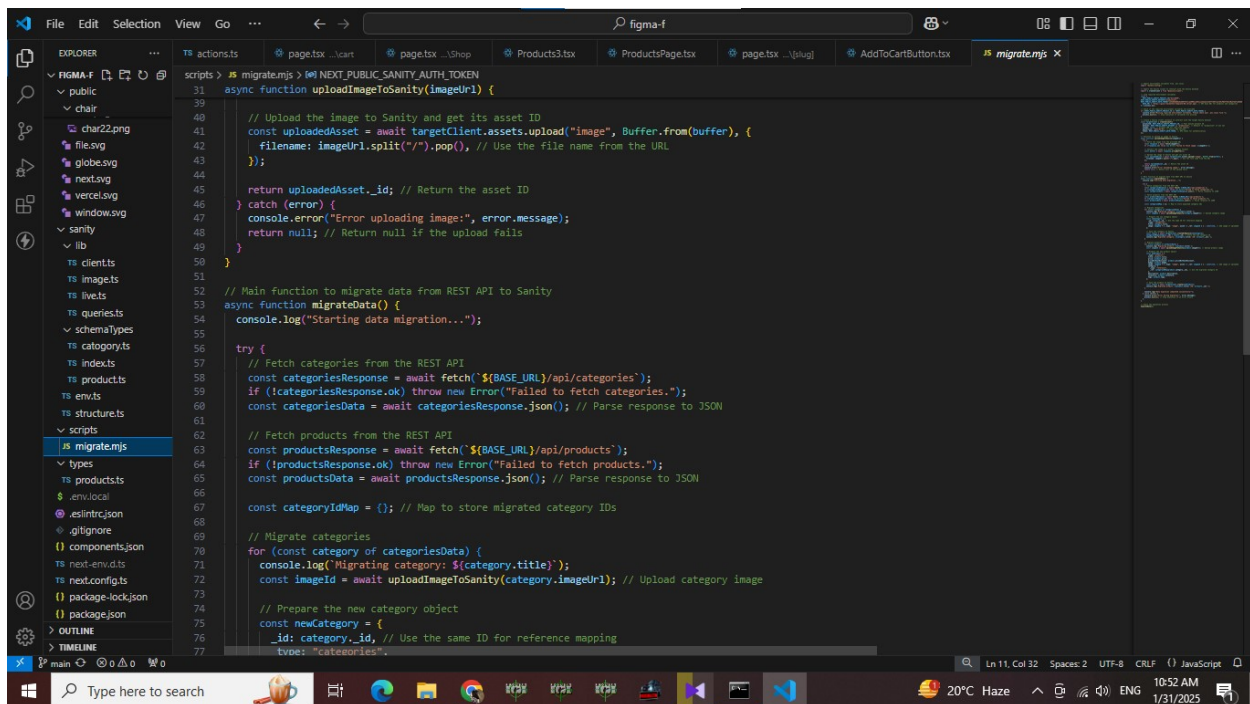


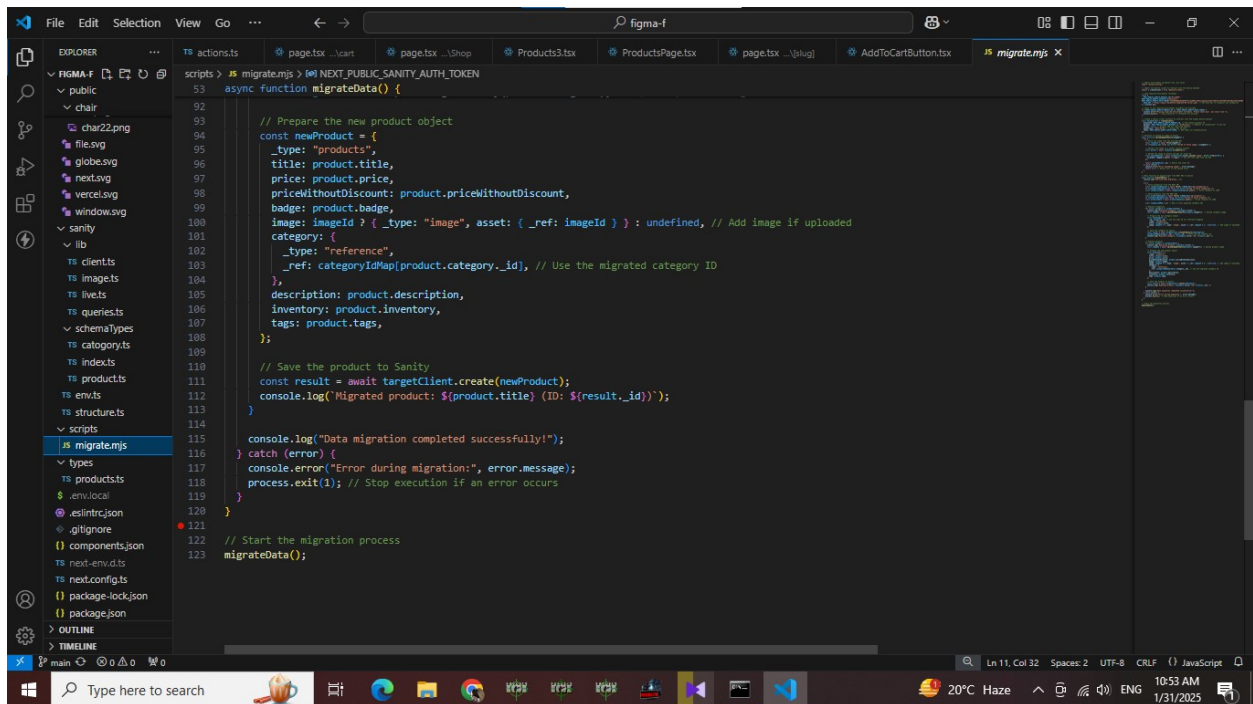
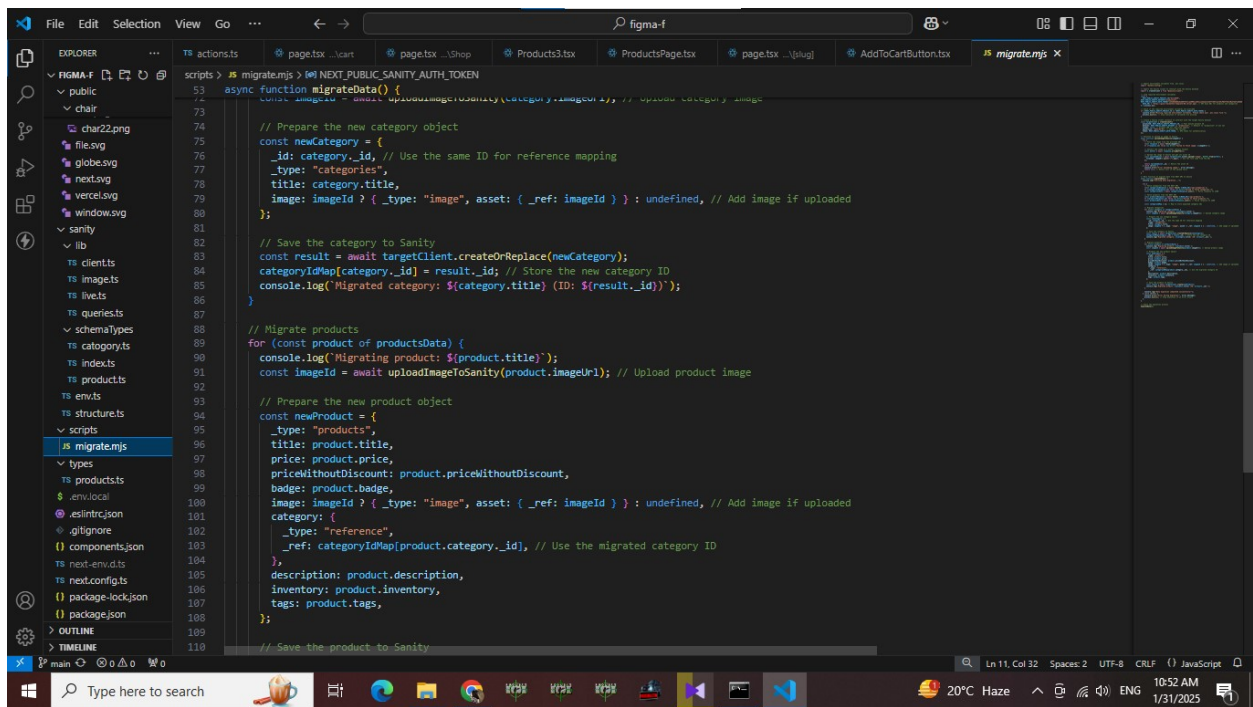
This screenshot shows the updated `productSchema` definition. It adds a `category` field (reference to categories), a `description` field (text), an `inventory` field (number), and a `tags` field (array of strings). The `tags` field has an option to generate a list of tags from the `title`.

```
sanity > schemaTypes > TS products > productSchema > fields > name
3  export const productSchema = defineType({
4    fields: [
41     {
42       name: 'category',
43       title: 'Category',
44       type: 'reference',
45       to: [{ type: 'categories' }],
46     },
47     {
48       name: 'description',
49       title: 'Product Description',
50       type: 'text',
51     },
52     {
53       name: 'inventory',
54       title: 'Inventory Management',
55       type: 'number',
56     },
57     {
58       name: 'tags',
59       title: 'Tags',
60       type: 'array',
61       of: [{ type: 'string' }],
62       options: {
63         list: [
64           { title: 'Featured', value: 'featured' },
65           { title: 'Follow products and discounts on Instagram', value: 'instagram' },
66           { title: 'Gallery', value: 'gallery' },
67         ],
68       },
69     },
70   ],
71 });
```

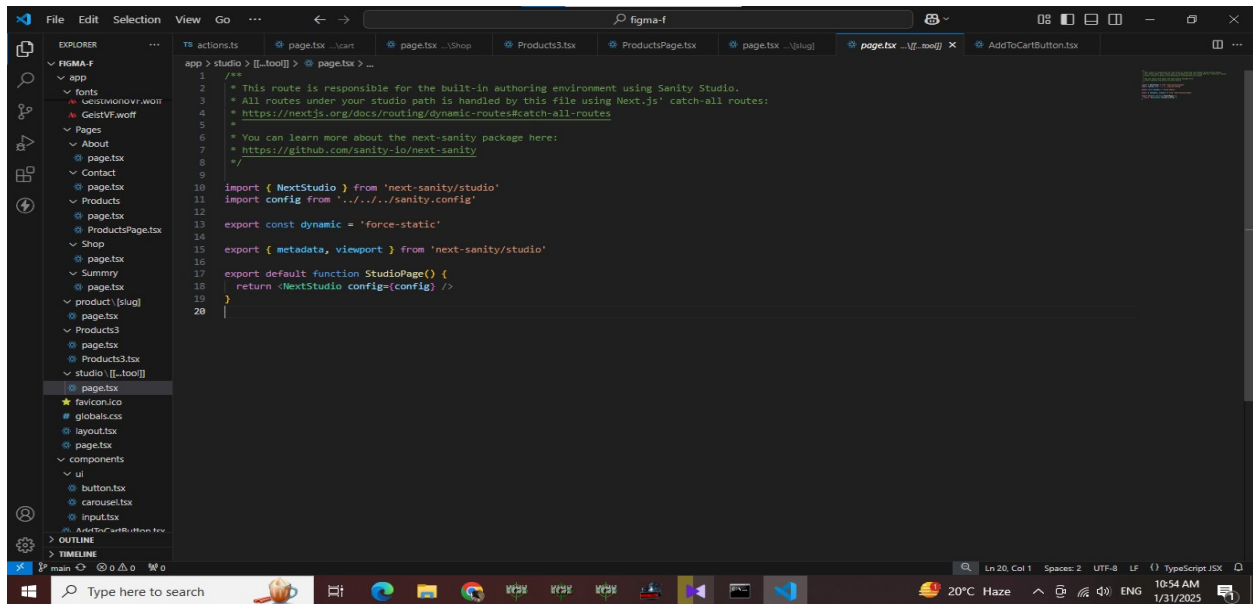


## API Migrate.mjs

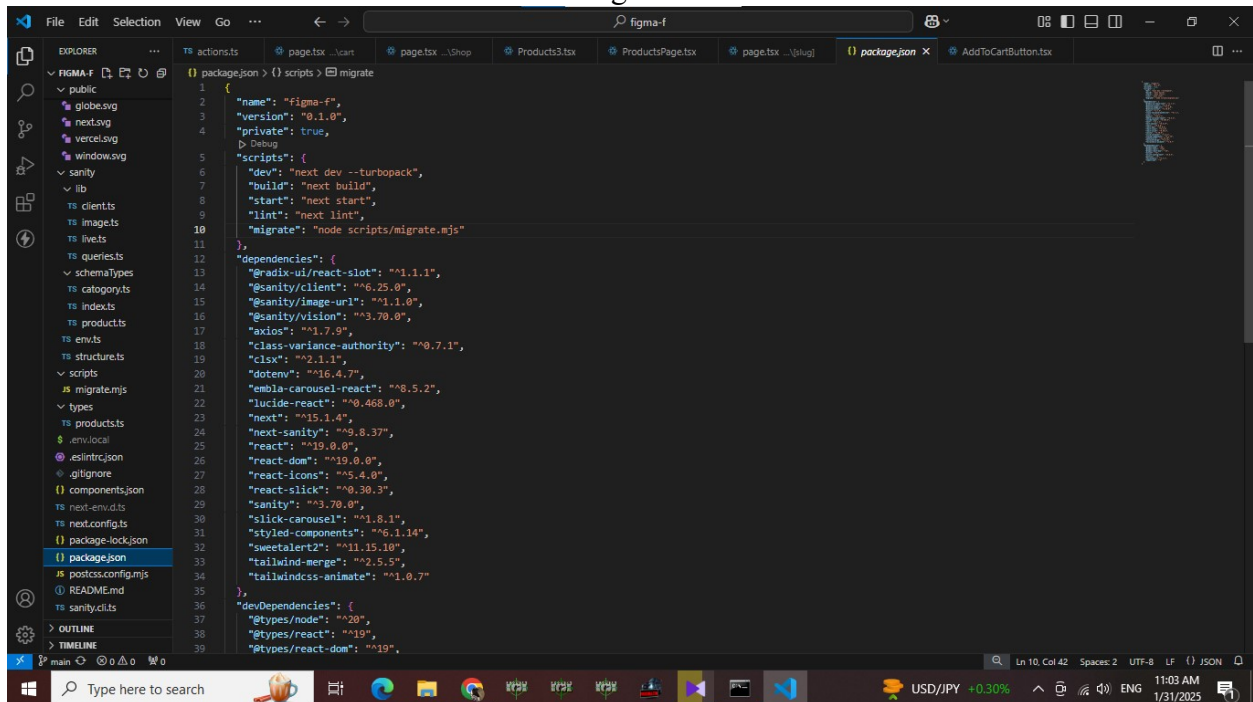




# Studio Page



# Package.Json





# Sanity.io Api

S

Abdul Moiz

Figma-Final

16 days left in trial

Getting started

Overview

Members

Studios

Datasets

Access

Activity

Usage

Plan

API

Settings

Webhooks

CORS origins

Tokens

CORS origins

+ Add CORS origin

Hosts that can connect to the project API.

ORIGIN	CREDENTIALS	CREATED	
http://localhost:3000	Allowed	2 weeks	
http://localhost:3333	Allowed	2 weeks	

Tokens

+ Add API token

Tokens are used to authenticate apps and scripts to access project data.

S

Default

+ Create

Q

S

Content

Products

Categories

Products

Search list

Ivory Charm

Gray Elegance

Nordic Spin

Scandi Dip Set

Modern Cozy

Library Stool Chair

SleekSpin

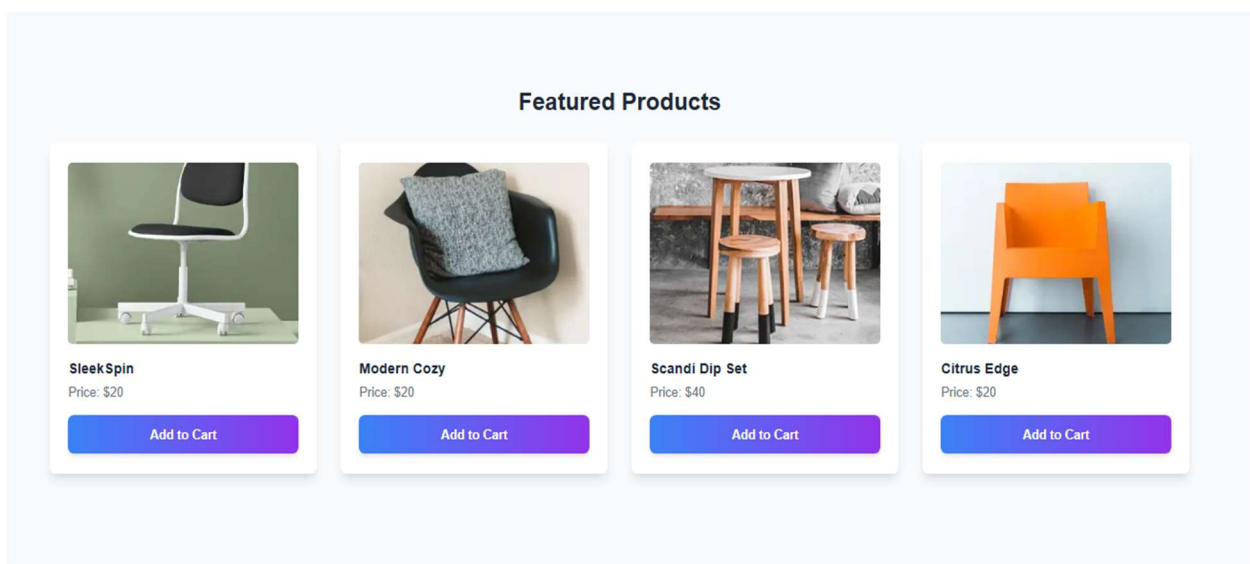
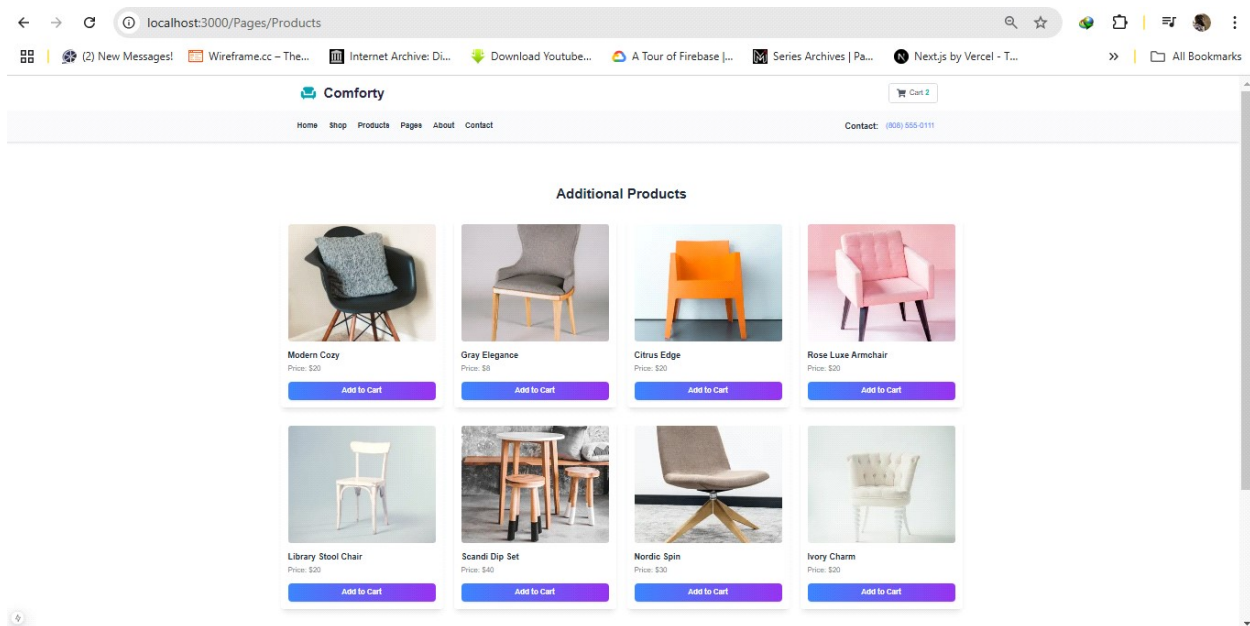
Citrus Edge

Rose Luxe Armchair

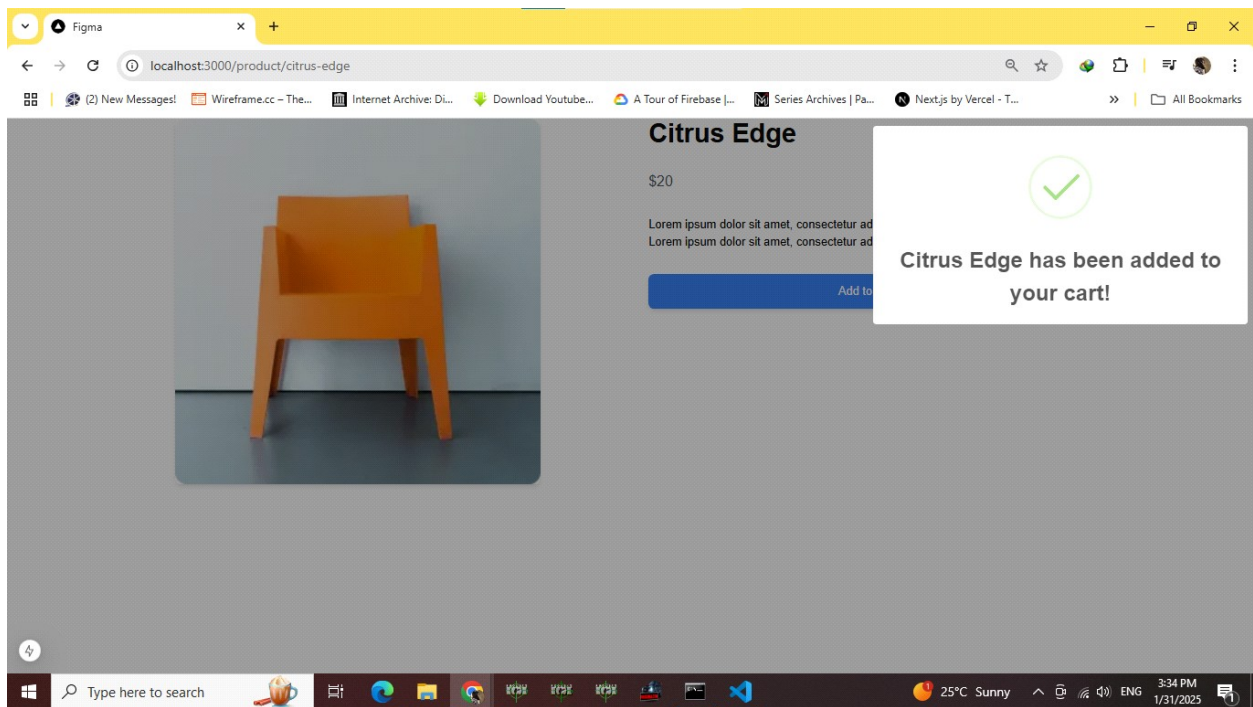
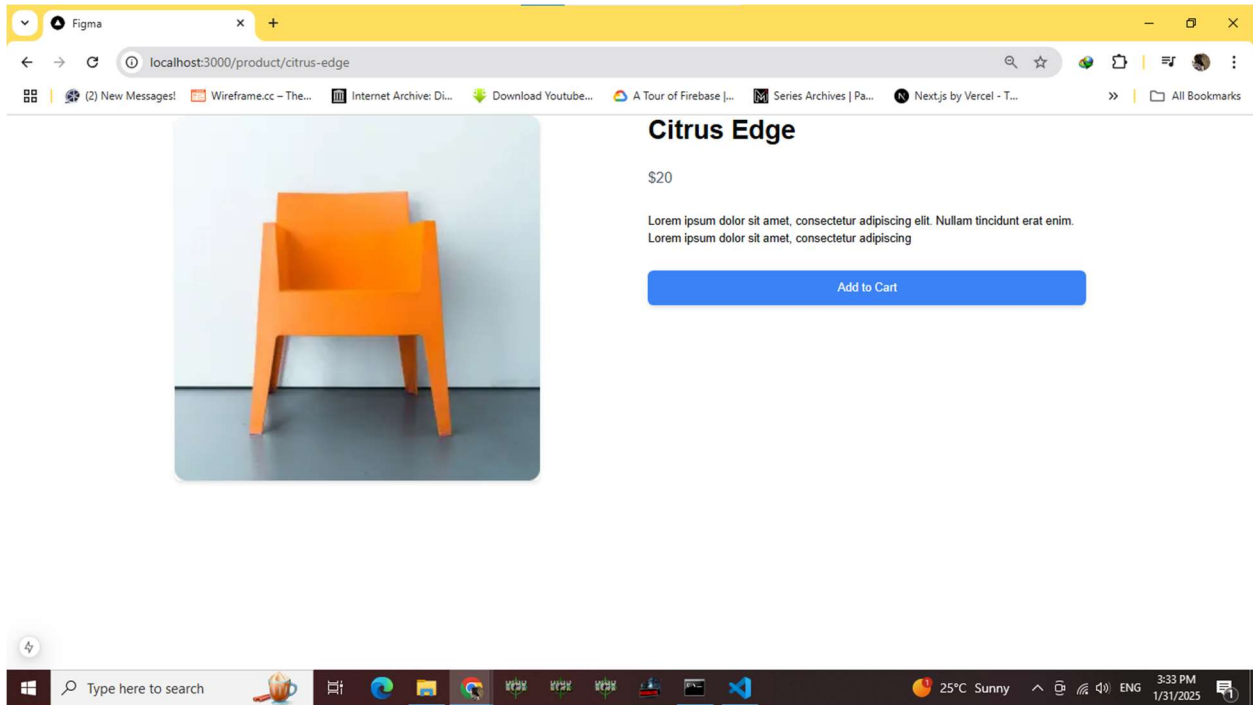
Scandi Dip Set

What's new

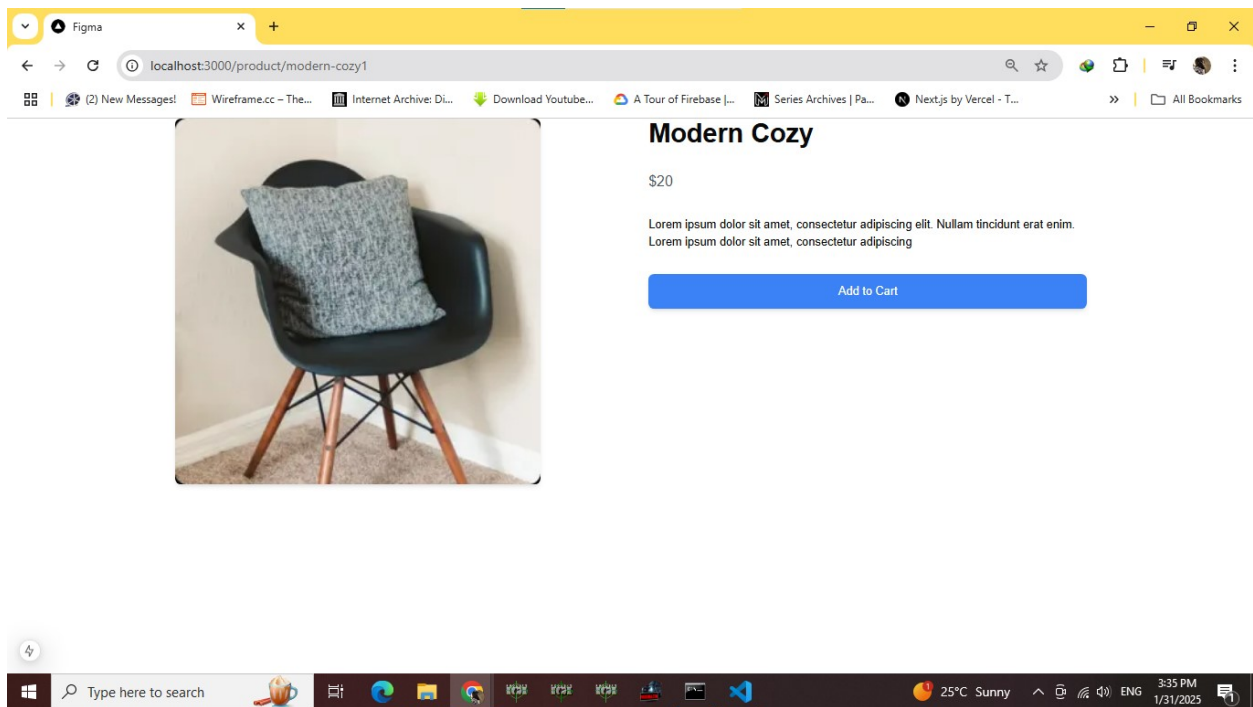
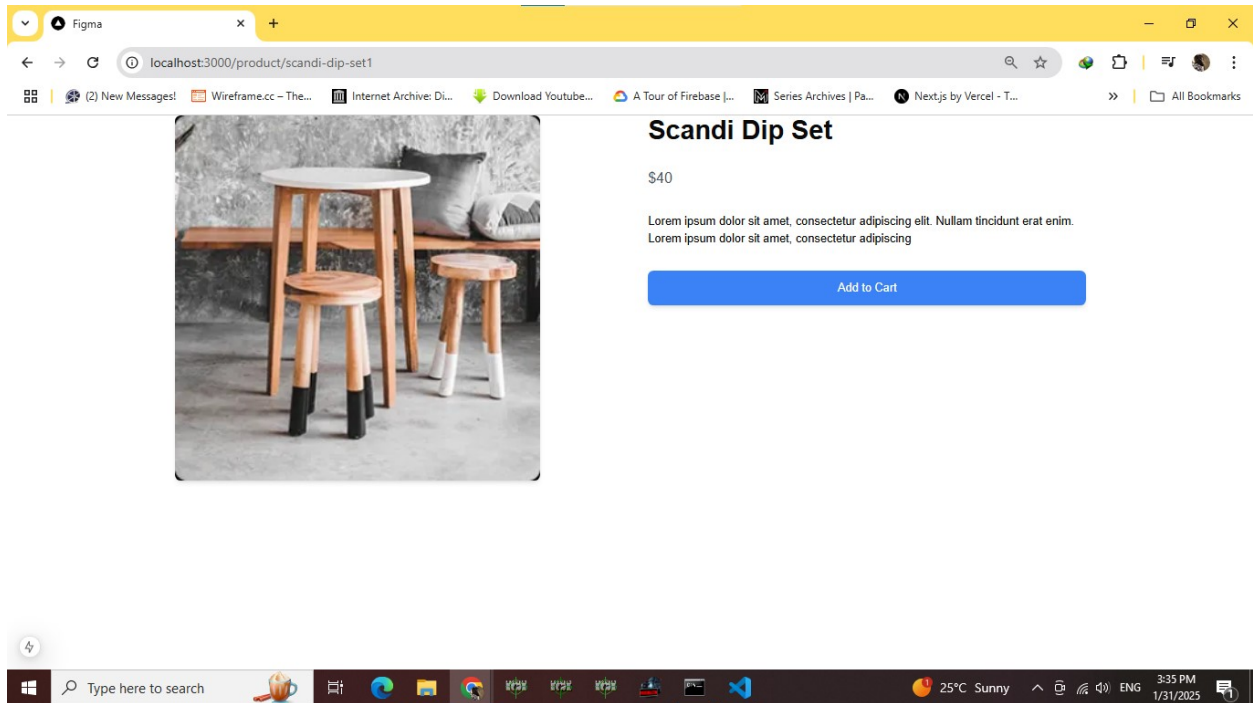
Sanity Create Content Mapping, Visual Editing, and Content Releases



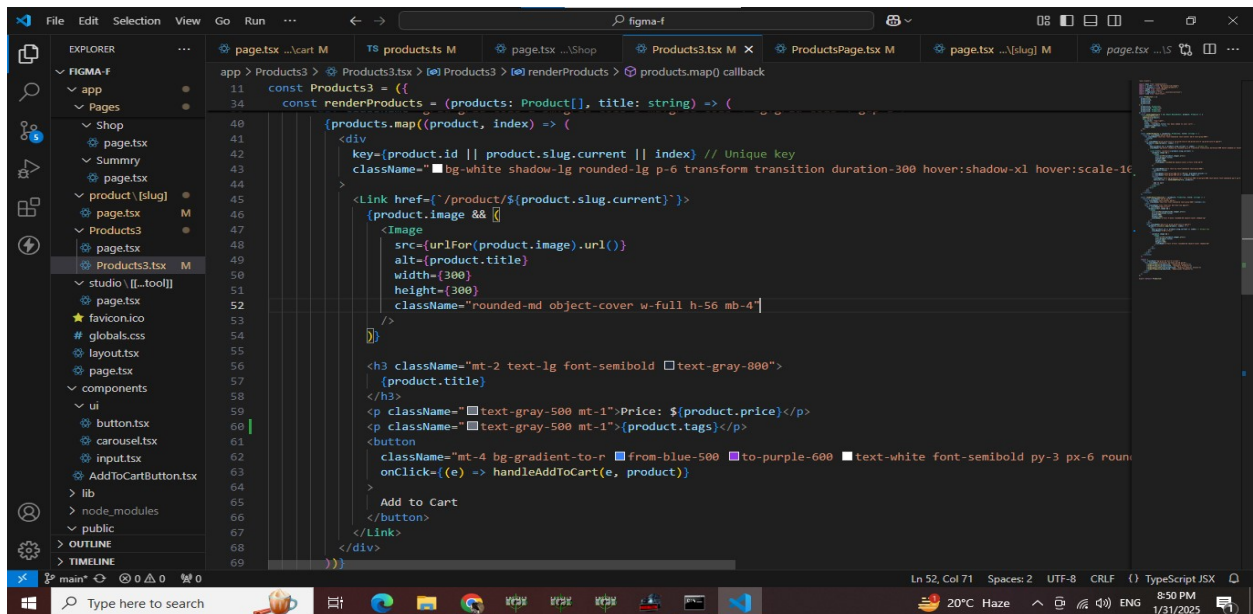
Dynamic Route Page







# Tags



```
app > Products3 > Products3.tsx > Products3 > renderProducts > products.map() callback
11  const Products3 = ({
34    const renderProducts = (products: Product[], title: string) => {
40      (products.map((product, index) => {
41        <div
42          key={product.id || product.slug.current || index} // Unique key
43          className="bg-white shadow-lg rounded-lg p-6 transform transition duration-300 hover:shadow-xl hover:scale-105"
44        >
45          <Link href={`/product/${product.slug.current}`}>
46            {product.image && [
47              <Image
48                src={urlFor(product.image).url()}
49                alt={product.title}
50                width={300}
51                height={300}
52                className="rounded-md object-cover w-full h-56 mb-4"
53              />
54            ]
55          </div>
56          <h3 className="mt-2 text-lg font-semibold text-gray-800">
57            {product.title}
58          </h3>
59          <p className="text-gray-500 mt-1">Price: ${product.price}</p>
60          <p className="text-gray-500 mt-1">{product.tags}</p>
61          <button
62            className="mt-4 bg-gradient-to-r from-blue-500 to-purple-600 text-white font-semibold py-3 px-6 rounded"
63            onClick={(e) => handleAddToCart(e, product)}
64          >
65            Add to Cart
66          </button>
67        </div>
68      )}
69    )

```



## Rose Luxe Armchair

Price: \$20

featuredinstagram

Add to Cart



### Scandi Dip Set

Price: \$40

gallery

Add to Cart

Shop

```
File Edit Selection View Go Run ... figma-f
EXPLORER
  app
    Pages
      Shop
        page.tsx
      Summary
        page.tsx
      product1 [slug]
        page.tsx
      Products3
        page.tsx
      Products3.tsx
      studio [tool]
        page.tsx
      favicon.ico
      # globals.css
      layout.tsx
      page.tsx
    components
      button.tsx
      carousel.tsx
      input.tsx
      AddToCartButton.tsx
    lib
    node_modules
    public
    OUTLINE
    TIMELINE
  main

page.tsx ...Shop X
  app > Pages > Shop > page.tsx > products1.map() callback
  25 const Home = () => {
  41
  42   /* Top Categories Section */
  43   <div className="container mx-auto py-10 px-4 sm:px-6 lg:px-8">
  44     <h2 className="text-2xl font-bold mb-6 text-center">Top Categories</h2>
  45     <div className="grid grid-cols-1 gap-6">
  46       {products1.map((product1) => (
  47         <div
  48           key={product1.id}
  49           className="bg-gray-200 shadow-md rounded-md p-6 flex flex-col md:flex-row items-center gap-6"
  50         >
  51           <Image
  52             src={product1.image}
  53             alt={product1.name}
  54             width={675}
  55             height={607}
  56             className="w-full md:w-[675px] h-auto object-cover rounded-md"
  57           />
  58           <div className="flex flex-col items-center md:items-start">
  59             <h1 className="text-3xl font-bold mb-2 text-center md:text-left">
  60               Library Stool <br /> Chair
  61             </h1>
  62             <p className="text-gray-700 mb-4 text-center md:text-left">
  63               Lorem ipsum dolor sit amet consectetur adipisicing elit. Molestias reprehenderit dolore non.
  64             </p>
  65             <button
  66               className="w-[212px] h-[63px] px-4 py-2 bg-blue-600 text-white rounded hover:bg-blue-500 flex item
  67               onClick={() => handleAddToCart(product1)}
  68             >
  69               <FiShoppingCart className="w-[29px] h-[29px] mr-2" />
  70               Add to Cart
  71             </button>
  72           </div>
  73         </div>
  74       )
  75     }
  76   </div>
  77 }
```

