

# Building Dynamic Frontend Components For Marketplace - Furniro

**Brand Name:** Furniro

**Theme:** A focus on modern, vibrant, and stylish furniture collections, emphasizing contemporary home decor.


## Key Components:

Product Listing Component:

Source code snippet:

```
src > app > components > Products.tsx > ...
1  "use client";
2
3  import { client } from "@sanity/lib/client";
4  import { urlFor } from "@sanity/lib/image";
5  import { allProducts } from "@sanity/lib/queries";
6  import { Product } from "../../types/products";
7  import Image from "next/image";
8  import React, { useEffect, useState } from "react";
9  import Link from "next/link";
10
11  const Items = () => {
12    const [products, setProducts] = useState<Product[]>([]);
13
14    // Truncate Description for Display
15    const truncateDescription = (text: string | undefined) => {
16      return text && text.length > 100
17        ? text.slice(0, 100) + "..."
18        : text || "No description available.";
19    };
20
21    // Fetch Products from Sanity
22    useEffect(() => {
23      async function fetchProducts() {
24        try {
25          const fetchedProducts: Product[] = await client.fetch(allProducts);
26          setProducts(fetchedProducts);
27        } catch (error) {
28          if (error instanceof Error) {
29            console.error("Error fetching products:", error.message);
30          } else {
31            console.error("An unexpected error occurred:", error);
32          }
33        }
34      }
35    });
36  }
```

Output Snippet:




**Retro Vibe**

\$340

Introducing RetroVibe—a perfect blend of vintage charm and modern style, designed for those who appr...

[Read More](#)




**Pure Aura**

\$280

Experience the essence of tranquility and purity with PureAura—a collection designed to bring peace,...

[Read More](#)




**Tropical Vibe**

\$550

Escape to paradise with TropicalVibe—a collection that brings the vibrant energy of the tropics righ...

[Read More](#)



**Serene Seat**

\$350

Step into comfort and tranquility with SereneSeat—a chair designed to provide not only a place to si...

[Read More](#)

Product Detail Component:

Source code snippet:

```
src > app > product > [slug] > page.tsx > ProductPage
1  import { client } from "@sanity/lib/client";
2  import { urlFor } from "@sanity/lib/image";
3  import { Product } from "../../types/products";
4  import { groq } from "next-sanity";
5  import Image from "next/image";
6  import React from "react";
7
8  interface ProductPageProps {
9    params: { slug: string };
10 }
11
12 // Fetch product details from Sanity
13 async function getProduct(slug: string): Promise<Product | null> {
14   try {
15     return client.fetch(
16       groq`
17         *[_type == "product" && slug.current == $slug][0]{
18           _id,
19           title,
20           _type,
21           productImage,
22           price,
23           description,
24           tags,
25           discountPercentage
26         }
27       `,
28       { slug }
29     );
30   } catch (error) {
31     console.error("Error fetching product:", error);
32     return null;
33   }
34 }
```

Output Snippet:



Sleek Living

Welcome to SleekLiving, where modern sophistication meets functional design for the ultimate living experience. Crafted for those who value style, convenience, and innovation, SleekLiving is a collection of premium home essentials that redefine the way you live. With an emphasis on minimalism and elegance, every product in the SleekLiving line is engineered to bring a refined touch to your home without compromising on performance or comfort. SleekLiving is all about transforming your space into a sanctuary of calm and sophistication. Featuring clean lines, contemporary aesthetics, and cutting-edge functionality, this collection offers versatile solutions for every room in your home. Whether you're upgrading your living room, kitchen, bedroom, or office, SleekLiving effortlessly blends into any decor, offering you the freedom to create a space that reflects your unique style. Designed with the modern homeowner in mind, SleekLiving products are not just about looks—they are built for practicality and ease of use. Each item is thoughtfully crafted using high-quality materials that ensure durability and long-lasting performance. From smart furniture solutions to stylish accessories, SleekLiving brings together the best of contempora...

Price: \$300.00

sleek modern elegant furniture living



Add to Cart

## Category Component:

### Source code snippet:

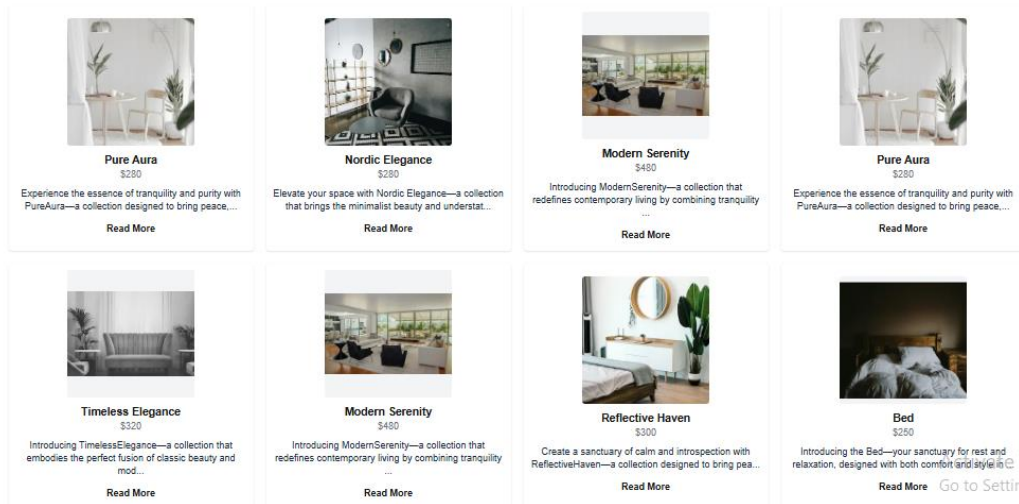
```
src > app > Shop > BedroomFurniture > page.tsx > BedroomFurniture > products
1  import React from "react";
2  import { client } from "@sanity/lib/client";
3  import Image from "next/image";
4  import Link from "next/link";
5  import SecondHeader from "@app/components/Header";
6  import Footer from "@app/components/Footer";
7  export default async function BedroomFurniture() {
8    const products = await client.fetch(
9      `*[_type == "product" && category == "bedroom furniture"]{
10      title,
11      price,
12      description,
13      productImage {
14        asset -> { url }
15      },
16      slug
17    }`
18    );
19
20    const truncateDescription = (text: string | undefined) => {
21      return text && text.length > 100
22        ? text.slice(0, 100) + "..."
23        : text || "No description available.";
24    };
25
26    return (
27      <div>
28        <SecondHeader/>
29        <div className="p-4">
30          { /* Centered Heading */ }
31          <h1 className="text-3xl font-bold text-center mt-10 mb-6">Bedroom Furniture</h1>
32
```

Activate  
Go to Sett

### Output Snippet:

Categories ▾

## Bedroom Furniture



## Search Bar:

## Source code snippet:

```
{/* Search Bar */}
<div className="relative w-1/3">
  <input
    type="text"
    placeholder="Search..."
    className="w-full py-2 px-4 rounded-md border border-gray-300 focus:outline-none focus:ring-2 focus:ring-blue"
  />
  <FaSearch className="absolute top-3 right-3 text-gray-500 cursor-pointer" />
</div>
```

## Output Snippet:



## Cart Component:


## Source code snippet:

```

src > app > Cart > page.tsx > CartPage > useEffect() callback
1  "use client";
2  import Image from "next/image";
3  import { IoIosArrowForward } from "react-icons/io";
4  import Footer from "../components/Footer";
5  import SecondHeader from "../components/Header";
6  import { useEffect, useState } from "react";
7  import { FaTrash, FaHeart } from "react-icons/fa";
8  import { urlFor } from "@sanity/lib/image";
9  import Link from "next/link";
10
11  const CartPage = () => {
12    const [cart, setCart] = useState<any[]>([]);
13
14    useEffect(() => {
15      const storedCart = JSON.parse(localStorage.getItem("cart") || "[]");
16      setCart(storedCart);
17    }, []);
18
19    // Function to add product to cart
20    const handleAddToCart = (product: any) => {
21      const existingProductIndex = cart.findIndex((item) => item.id === product.id);
22
23      if (existingProductIndex > -1) {
24        const updatedCart = [...cart];
25        updatedCart[existingProductIndex].quantity += 1;
26        setCart(updatedCart);
27        localStorage.setItem("cart", JSON.stringify(updatedCart));
28      } else {
29        const newProduct = { ...product, quantity: 1 };
30        const updatedCart = [...cart, newProduct];
31        setCart(updatedCart);
32        localStorage.setItem("cart", JSON.stringify(updatedCart));
33      }
34    };
35  };

```

## Output Snippet:



Serene Seat

3

\$1050.00

**Cart Summary**

Subtotal:	\$1050.00
Delivery Charges:	\$100.00
<b>Total:</b>	<b>\$1150.00</b>

[Proceed to Checkout](#)

## Checkout Flow Component:

## Source code snippet:

```

src > app > CheckOut > page.tsx > [0] PaymentPage
1
2   { useState } from "react";
3
4   Page = () => {
5     rmSubmitted, setFormSubmitted] = useState(false);
6
7     dleSubmit = (e: any) => {
8       ventDefault();
9       rmSubmitted(true);
10      meout(() => setFormSubmitted(false), 3000); // Reset message after 3 seconds
11
12
13
14      className="min-h-screen flex items-center justify-center bg-gray-100">
15      div className="bg-white p-8 rounded-lg shadow-md w-full max-w-4xl">
16        <h2 className="text-center text-2xl font-bold mb-6 text-gray-800">Payment Details</h2>
17        <form onSubmit={handleSubmit}>
18          <div className="grid grid-cols-1 md:grid-cols-2 gap-6">
19            { /* Billing Address Section */ }
20            <div>
21              <h3 className="text-lg font-semibold text-gray-700 mb-4">Billing Address</h3>
22              <div className="space-y-4">
23                <div>
24                  <label className="block text-sm font-medium text-gray-700">Full Name :</label>
25                  <input
26                    type="text"
27                    placeholder="Enter your full name"
28                    className="mt-1 block w-full border border-gray-300 rounded-md shadow-sm p-2"
29                  />
30                </div>
31                <div>
32                  <label className="block text-sm font-medium text-gray-700">Email :</label>

```

## Output Snippet:

### Payment Details

#### Billing Address

Full Name :

Email :

Address :




City :

State :

Zip Code :

#### Payment

Cards Accepted :



Name on Card :

Credit Card Number :

Exp Month :

Exp Year :

CWV :

Proceed to Checkout

Footer and Header Components:

Source code snippet:

Header:



```

src > app > components > Header.tsx > ...
1  import React from 'react';
2  import Link from 'next/link';
3  import Image from "next/image";
4  import {
5      FaRegUser,
6      FaShoppingCart,
7      FaRegHeart,
8      FaSearch,
9  } from "react-icons/fa";
10
11  const SecondHeader = () => {
12      return (
13          <header>
14              { /* Main Navigation Bar */ }
15              <div className="bg-white shadow py-4">
16                  <div className="container mx-auto px-4 flex justify-between items-center text-lg w-full">
17                      <div>
18                          <Image
19                              src="/images/logo.png"
20                              alt="Logo"
21                              height={32}
22                              width={50}
23                              className="w-full h-full object-cover"
24                          />
25                      </div>
26
27                      { /* Brand Name */ }
28                      <h3 className="text-[#252B42] font-bold ml-[-350px] text-[24px] leading-8 tracking-[0.1px]">
29                          Furniro
30                      </h3>
31

```

Footer:

```

src > app > components > Footer.tsx > Footer
1  import Head from 'next/head'
2  export default function Footer() {
3    return (
4      <div className="bg-gray-100 h-[400px]">
5        <Head>
6          <title>Funiro</title>
7          <meta name="description" content="Generated by create next app" />
8          <link rel="icon" href="/favicon.ico" />
9        </Head>
10
11      <main className="container mx-auto p-8">
12        <h1 className="text-4xl font-bold text-center text-gray-800 mb-6">
13          Funiro.
14        </h1>
15
16        <p className="text-center text-lg text-gray-600 mb-12">
17          400 University Drive Suite 200 Coral Gables, FL 33134 USA
18        </p>
19
20        <div className="grid grid-cols-1 sm:grid-cols-2 lg:grid-cols-3 gap-8">
21          { /* Links Section */ }
22          <div className="bg-white p-6 rounded-md shadow-md">
23            <h3 className="text-xl font-semibold text-gray-800 mb-4">Links</h3>
24            <ul className="text-gray-600">
25              <li>Home</li>
26              <li>Shop</li>
27              <li>About</li>
28              <li>Contact</li>
29            </ul>
30          </div>

```

## Output Snippet:

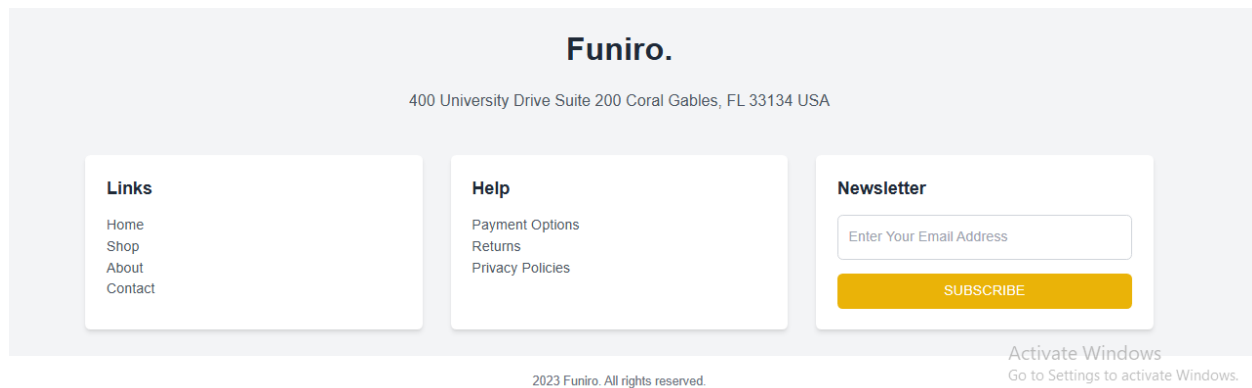
### Header:


[Home](#)
[Shop](#)
[Blog](#)
[Contact](#)





### Footer:



## FAQ and Help Center Component:

### Source code snippet:

### Output Snippet:

### API Integration:

- Sanity API Fetching Process: As you are utilizing Sanity CMS, make sure the data fetching is handled appropriately.
- Sanity Client Configuration (if not already implemented): Set up the Sanity client in your lib folder for API integration.

### Dynamic Routing:

- Dynamic routing is employed to manage routes such as /Product/[slug] for individual product pages.
- Create a Dynamic Route File: Inside the app directory, create a [slug] folder then page.tsx file within the product folder:
- Get Product Data Dynamically:

### Final Check List:

- ✓ Frontend Component Development
- ✓ Styling and Responsiveness
- ✓ Code Quality
- ✓ Documentation and Submission
- ✓ Final Review