

NAME:-LAIBA NOOR

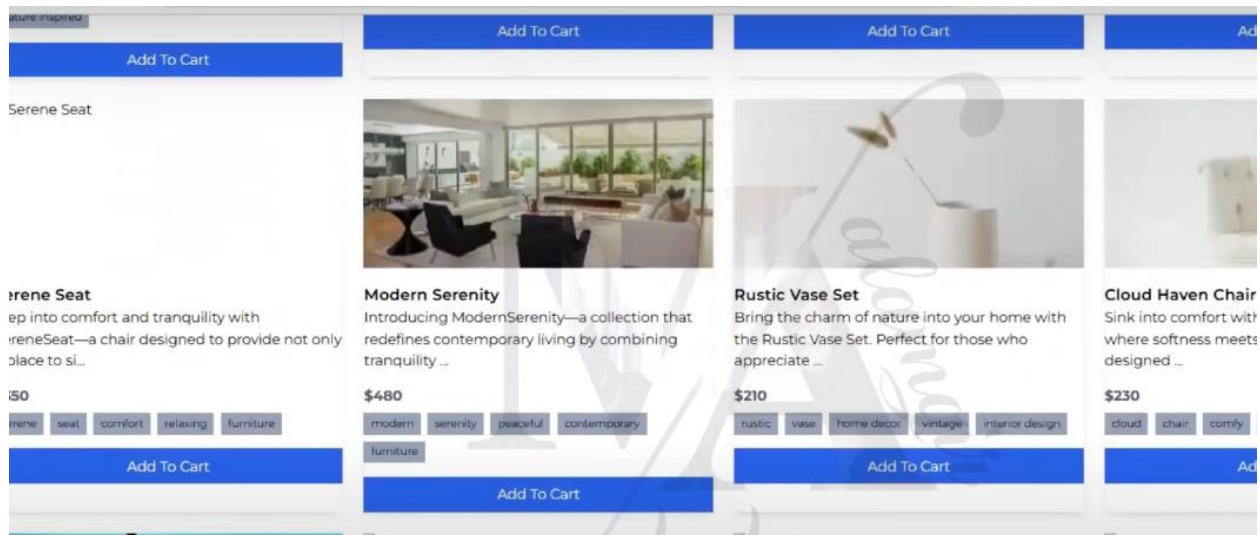
ROLL NO:-52916

## DAY 4:- BUILDING DYNAMIC FRONTEND

### COMPONENTS

### Products Data

**Step 1:** Data is fetched from Sanity using an API and displayed dynamically on the frontend.



```

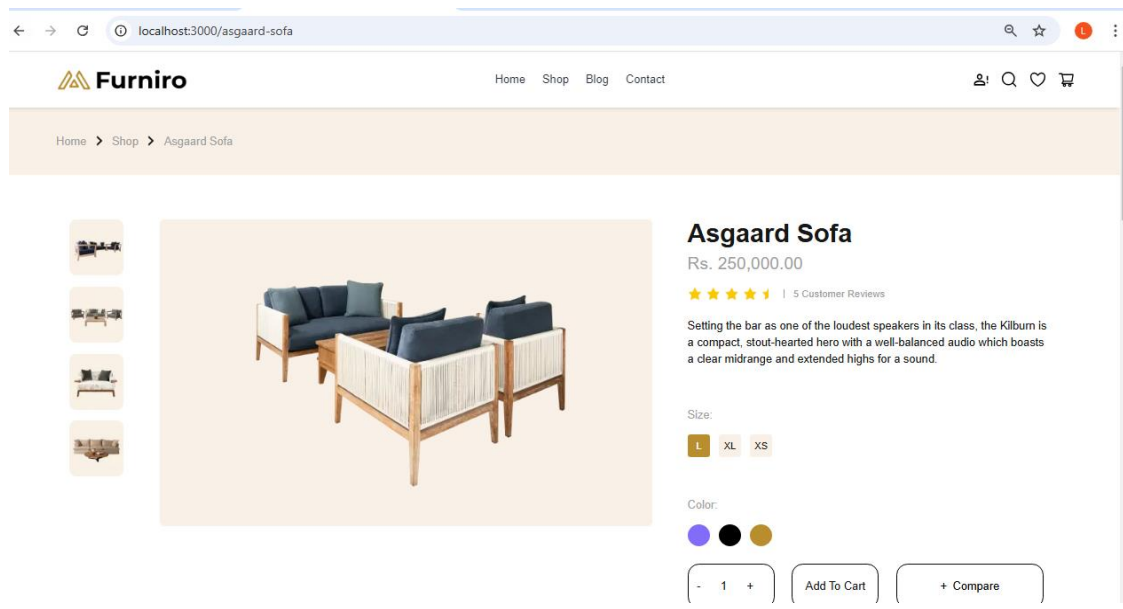
src > pages > product > JS apdata.js > ...
1  import { createClient } from "@sanity/client";
2  import imageUrlBuilder from "@sanity/image-url";
3  import { useRouter } from "next/router";
4
5  // Initialize Sanity client
6  const sanity = createClient({
7    projectId: "tea88pag",
8    dataset: "production",
9    apiVersion: "2025-01-13",
10    useCdn: true,
11  });
12
13  const builder = imageUrlBuilder(sanity);
14
15  // Helper function to build image URLs
16  function urlFor(source) {
17    return builder.image(source);
18  }
19
20  const ProductDetail = ({ product }) => {
21    const router = useRouter();
22
23
24    if (router.isFallback) {
25      return <div>Loading...</div>;
26    }
27
28    // Handle case where no product is found
29    if (!product) {
30      return (
31        <div>
32          <h1>Product Not Found</h1>
33          <p>The product you're looking for could not be found.</p>
34        </div>

```

## Dynamic Routing

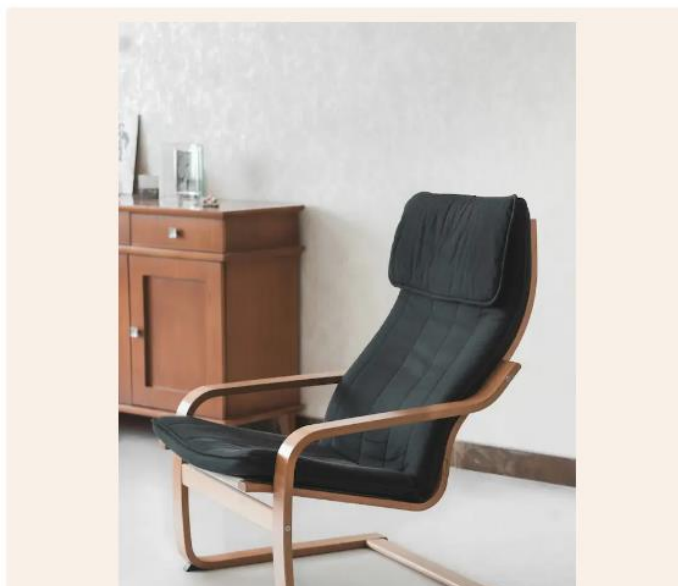
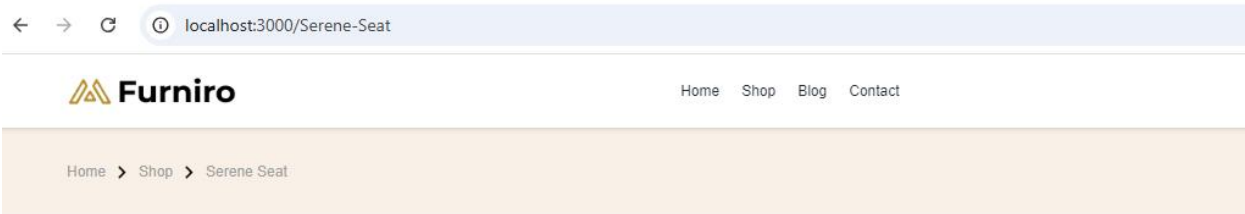
**Step 2:** Implementing dynamic routing for product pages. Each product is assigned a unique URL, allowing users to access individual product details. This routing is handled dynamically, meaning that the page content is loaded based on the specific product ID or slug, providing a seamless user experience.

**Product 1:-**Implementing dynamic routing for the Asgaard sofa. The product has its own unique URL, allowing users to access its details page through dynamic routing, ensuring smooth navigation to the specific Asgaard sofa page.



**Product 2:-** Dynamic routing for the Serene Seat, with a unique URL for easy access to its details page.

```
import React from 'react';  
import Image from 'next/image';  
  
const SereneSeat = () => {  
  return (  
    <>  
      {/* Navigation Bar */}  
      <nav className="bg-[#F9F1E7] h-24 mt-20 flex items-center gap-8 pl-20">  
        <ul className="flex items-center gap-2 list-none">  
          <li className="text-[#9F9F9F]">Home</li>  
          <Image  
            src="/images/black-arr.png"  
            alt="arrow"  
            width={20}  
            height={20}  
          />  
          <li className="text-[#9F9F9F]">Shop</li>  
          <Image  
            src="/images/black-arr.png"  
            alt="arrow"  
            width={20}  
            height={20}  
          />  
          <li className="text-[#9F9F9F]">Serene Seat</li>  
        </ul>  
      </nav>  
  
      {/* Main Content */}  
      <div className="flex flex-col lg:flex-row items-start justify-evenly mt-16 px-4 lg:p-16">  
        {/* Sidebar Thumbnails */}  
        <div className="flex flex-col gap-4">
```



## Serene Seat

Rs. 350.00

★★★★★ | 4.8 Customer Reviews

Step into comfort and tranquility with Serene. Serene provides not only a place to sit, but an experience. Whether you're unwinding after a long day at home with a touch of elegance, SereneSeat is a combination of style, comfort, and serenity. With precision and luxurious materials, SereneSeat offers supportive cushioning and a design that promotes a minimalist form fits seamlessly into any space. Whether in rooms, bedrooms, home offices, or reading nooks, the fabrics and sturdy construction ensure that the SereneSeat is one of pure comfort. Designed with functionality in mind, SereneSeat brings a perfect balance to any room. Its neutral tones and clean lines complement any decor styles, making it easy to incorporate into your office setup. Whether you're looking for a quick nap or simply relax, the SereneSeat is your go-to for a stylish seating experience.

Size:

## Tags:-

**Step 3:** Defining tags below the products, allowing users to filter or categorize items based on specific attributes like type, style, or material.



```

<div className="flex justify-between items-center mt-4">
  <div>
    <p className="text-slate-600 font bold">${product.price}</p>
    {product.discountPercentage > 0 && (
      <p className="text-sm text-green-600">
        {product.discountPercentage}% OFF
      </p>
    )}
  </div>
</div>

<div className="mt-2 flex flex wrap gap-2">
  {product.tags.map((tag, index) => [
    <span
      key={index}
      className="text-xs bg-slate-400 text-black px-2 py-1" >
        {tag}
      </span>
  ])}
</div>

```

## Add To Cart

**Step 4:** Adding "Add to Cart" functionality, allowing users to select products and add them to their cart for easy checkout.



## Asgaard Sofa

Rs. 250,000.00

★★★★★ | 5 Customer Reviews

Setting the bar as one of the loudest speakers in its class, the Kilburn is a compact, stout-hearted hero with a well-balanced audio which boasts a clear midrange and extended highs for a sound.

Size:

**L** XL XS

Color:

**Blue** Black Gold

- 1 +

Add To Cart

+ Compare

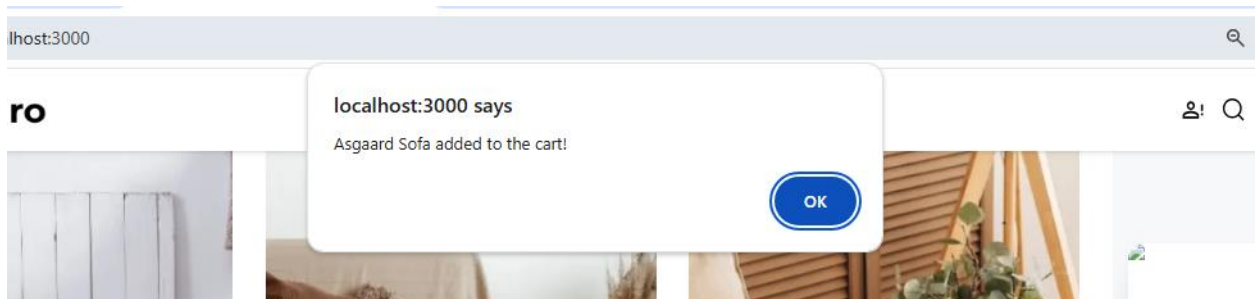
```
        className="text-xs bg-slate-400 text-black px-2 py-1" >
        {tag}
      </span>
    )}
  </div>
  { /* add to cart functionality */}

  <button
    className="mt-4 w-full bg-blue-600 text-white py-2 rounded-md hover:bg-blue-700"
    onClick={() => addToCart(product)}>
    Add To Cart
  </button>

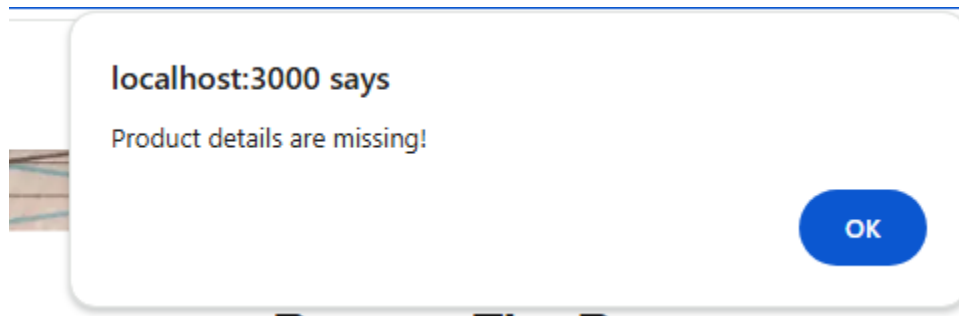
</div>
</div>
</div>
```

## Add to Cart Notifications

Implementing "Add to Cart" functionality with a notification that alerts users when a product is successfully added to their cart.



If the product details are missing or incomplete, a notification will appear stating, "Product details are missing."



After adding a product to the cart, the cart details are displayed, showing the added products, their quantities, and total price for easy review before checkout.



## Checkout Page

**Step 5:** Creating the checkout page, where users can review their cart, enter shipping details, and proceed with payment to complete the purchase.

Product	Price	Quantity	Subtotal
	Asgaard sofa	Rs. 250,000.00	1
		Rs. 250,000.00	

### Cart Totals

Subtotal Rs. 250,000.00  
Total Rs. 250,000.00

Check Out

localhost:3000/checkout



Home Shop Blog Contact

# Checkout

Home > Checkout

## Billing details

First Name

Last Name

Company Name (Optional)

Country / Region

## Product

Asgaard sofa X 1

Subtotal

Total

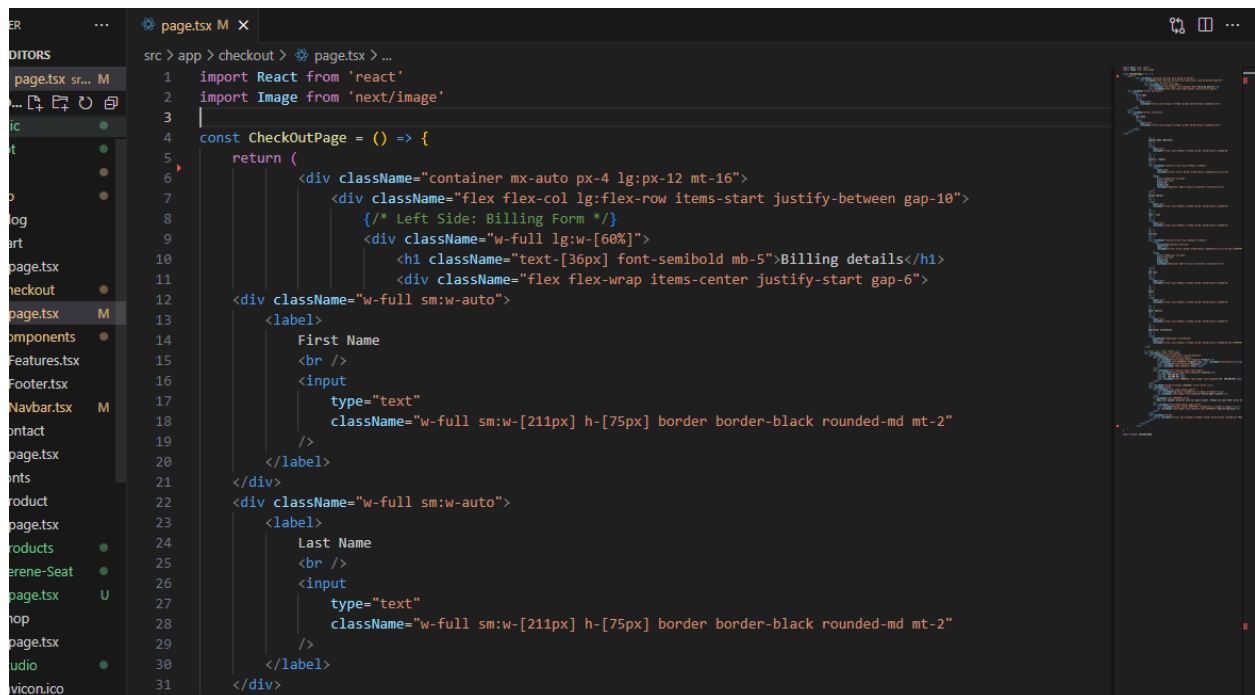
Rs

### Direct Bank Transfer

Make your payment directly into our bank account. | Order ID as the payment reference. Your order will be marked as shipped once the funds have cleared in our account.

Cash On Delivery





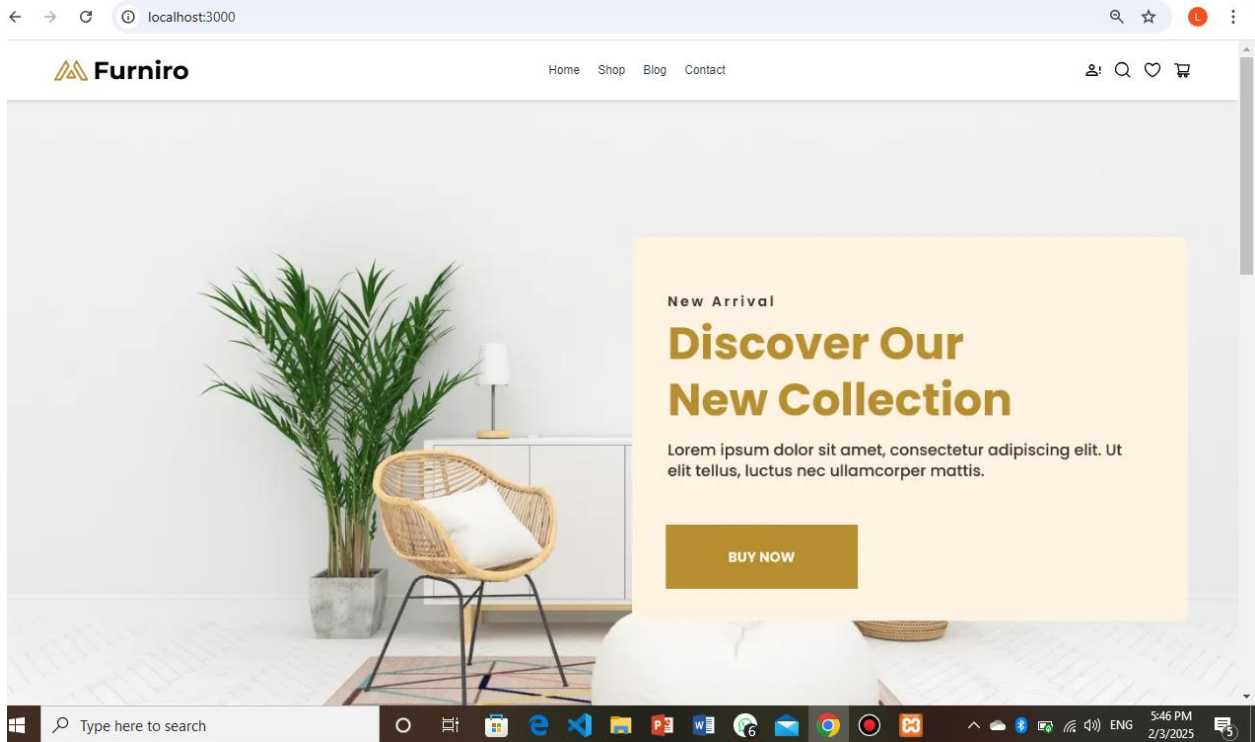
The screenshot shows a code editor with a file explorer on the left and a code editor on the right. The file explorer lists files like page.tsx, components, Features.tsx, Footer.tsx, Navbar.tsx, checkout, and others. The code editor displays the checkout page implementation in page.tsx. The code uses Tailwind CSS for styling and includes a form for billing details. The form has two sections: 'First Name' and 'Last Name', each with a text input field. The code is as follows:

```
1 import React from 'react'
2 import Image from 'next/image'
3
4 const CheckoutPage = () => {
5   return (
6     <div className="container mx-auto px-4 lg:px-12 mt-16">
7       <div className="flex flex-col lg:flex-row items-start justify-between gap-10">
8         {/* Left Side: Billing Form */}
9         <div className="w-full lg:w-[60%]">
10           <h1 className="text-[36px] font-semibold mb-5">Billing details</h1>
11           <div className="flex flex-wrap items-center justify-start gap-6">
12             <div className="w-full sm:w-auto">
13               <label>
14                 First Name
15               <br />
16               <input
17                 type="text"
18                 className="w-full sm:w-[211px] h-[75px] border border-black rounded-md mt-2"
19               />
20             </div>
21           </div>
22           <div className="w-full sm:w-auto">
23             <label>
24               Last Name
25             <br />
26             <input
27               type="text"
28               className="w-full sm:w-[211px] h-[75px] border border-black rounded-md mt-2"
29             />
30           </div>
31         </div>
32       </div>
33     </div>
34   )
35 }
```

## Overview of Website Pages

**Step 6:** Providing a brief overview of all the website pages, including the homepage, product listings, product detail pages, cart, checkout, blog, shop, and contact pages, highlighting their key features and how they contribute to the overall user experience.

**Home Page:** The main landing page that introduces the website, showcases featured products, and provides easy navigation to other sections like the shop, blog, and contact pages.



```

pp > ✨ page.tsx > 📄 Page
import Image from 'next/image';
import ProductDetail from './products/page';

export default function Page(){
  return [
    <>
      <div>
        <Image
          src={"/images/hero-sec.png"}
          alt="hero-section"
          width={1440}
          height={316}
          className="w-full h-auto mt-20"
        />
      </div>
      <h1 className='text-[32px] font-bold text-center mt-10'>Browse The Range</h1>
      <p className='text-center'>Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p>
      <div className='flex flex-wrap items-center justify-center mt-16 gap-8'>
        <div className='flex flex-col items-center max-w-[300px] sm:max-w-[100%]'>
          <Image
            src={"/images/img1.png"}
            alt='img-1'
            width={381}
            height={480}
            className="max-w-[100%] h-auto"
          />
          <h3 className='text-center text-2xl mt-6'>Dining</h3>
        </div>

        <div className='flex flex-col items-center max-w-[300px] sm:max-w-[100%]'>
          <Image
            src={"/images/img2.png"}
            alt='img-2'

```

**Blog Page:** A page where users can read articles, updates, and insights related to the products, industry trends, and more, offering valuable content to engage visitors.



# Blog

[Home](#) > [Blog](#)



## Categories

Crafts

2

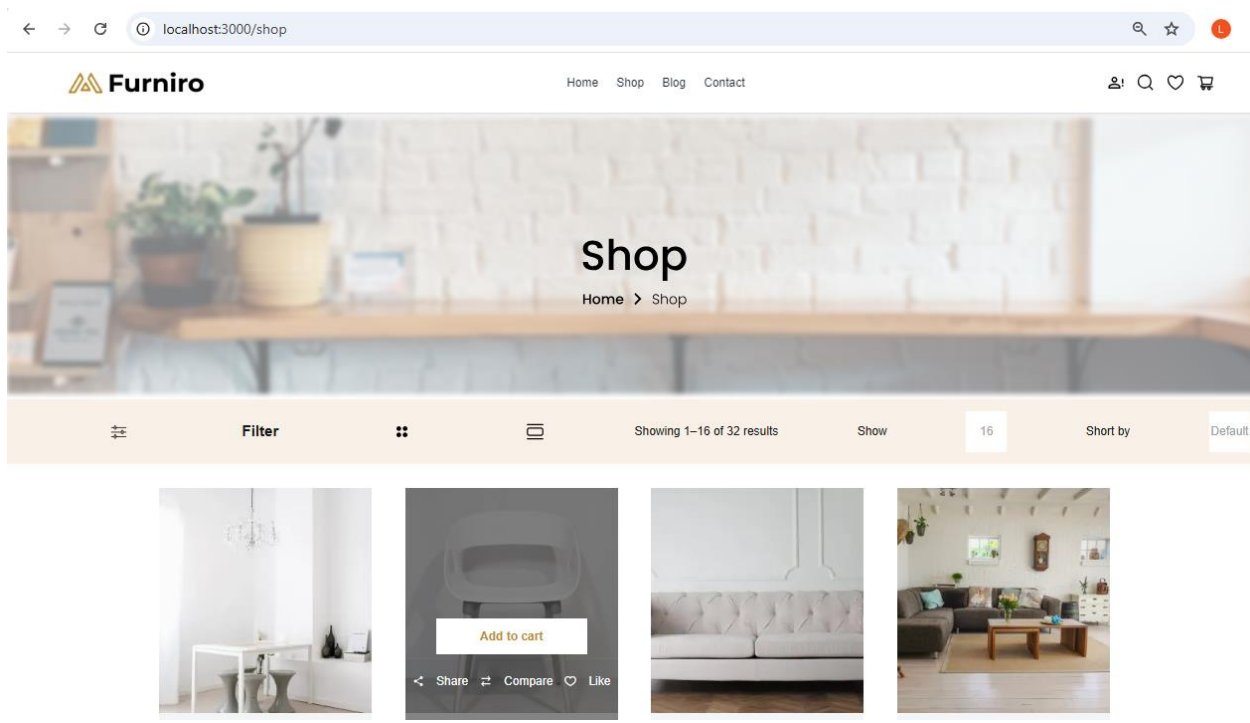
Design

8

```
View Go Run ... ← → funiro-web
... page.tsx ...\checkout M page.tsx ...\blog X
src > app > blog > page.tsx > ...
1 import React from 'react';
2 import Image from 'next/image';
3
4 const BlogPage = () => {
5   return (
6     <>
7       {/* Banner Section */}
8       <div>
9         <Image
10           src={"/images/blog.png"}
11           alt="blog"
12           width={1440}
13           height={316}
14           className="w-full h-auto mt-20"
15         />
16       </div>
17
18       {/* Main Content */}
19       <div className="flex flex-col lg:flex-row lg:justify-between items-start lg:h-[2210px] px-4 lg:px-0">
20         {/* Left Section */}
21         <div className="lg:w-1/2 lg:ml-12">
22           {/* Blog Post 1 */}
23           <Image
24             src={"/images/laptop.png"}
25             alt="laptop-img"
26             width={817}
27             height={500}
28             className="mt-8 lg:mt-28 w-full"
29           />
30           <div className="flex items-center gap-2 lg:gap-4 mt-2">
31             <Image src={"/images/user.svg"} alt="user-img" width={20} height={20} />
32             <h3 className="text-[#9F9F9F] text-sm lg:text-base">Admin</h3>
33             <Image src={"/images/briefcase.svg"} alt="briefcase-img" width={20} height={20} />
34             <h3 className="text-[#9F9F9F] text-sm lg:text-base">14 Oct 2022</h3>

```

**Shop Page:** A page displaying all available products, allowing users to browse, filter, and select items to add to their cart for purchase.

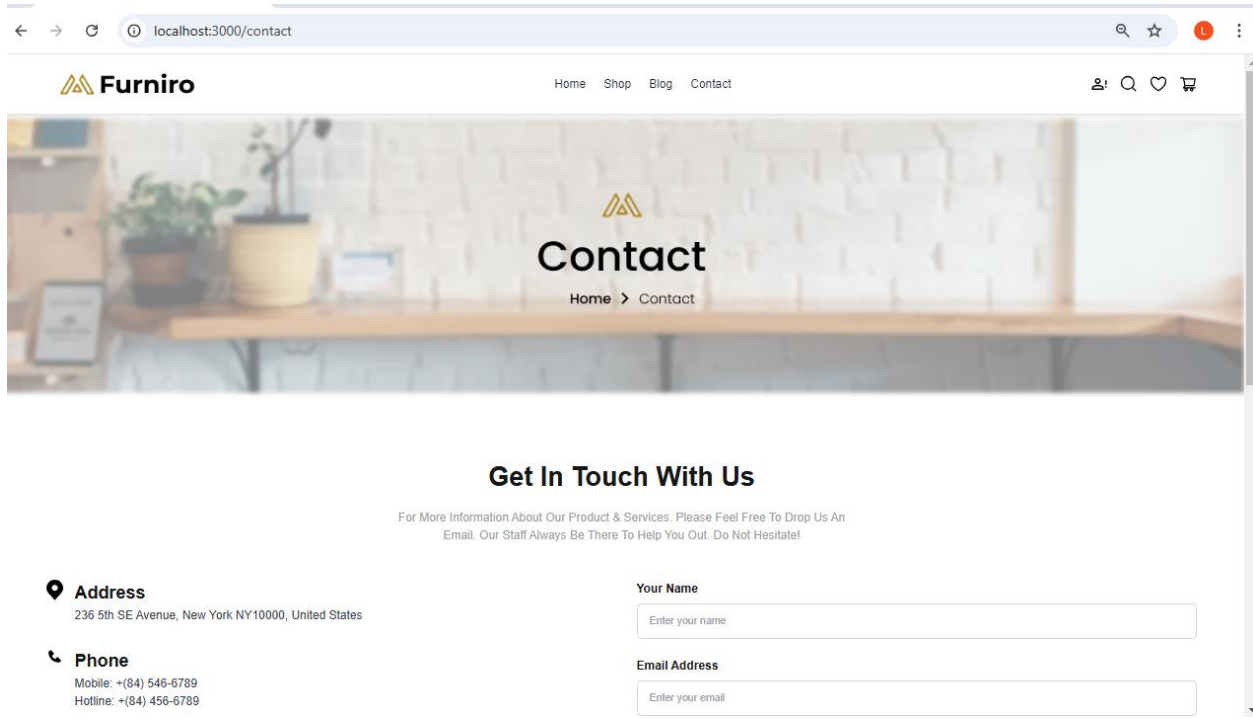


```

> app > shop > page.tsx > ...
1 import React from 'react'
2 import Image from 'next/image'
3
4 export default function ShopPage(){
5   return (
6     <>
7       <div>
8         <Image
9           src={"/images/shop.svg"}
10          alt="shop"
11          width={1440}
12          height={316}
13          className="w-full h-auto mt-20"
14        />
15      </div>
16      <div className="h-auto bg-[#F9F1E7] flex flex-col sm:flex-row items-center justify-between p-4">
17        <div className="flex flex-wrap items-center justify-center sm:justify-evenly space-x-4">
18          <Image
19            src="/images/dotted-line.svg"
20            alt="dotted-line"
21            width={25}
22            height={25}
23          />
24          <h3 className="text-[14px] sm:text-[18px] md:text-[20px] font-semibold">Filter</h3>
25          <Image
26            src="/images/four-dot.svg"
27            alt="four-dot"
28            width={25}
29            height={25}
30          />
31          <Image
32            src="/images/square-line.svg"
33            alt="square-line"

```

**Contact Page:** A page that provides users with contact details, a contact form, and other ways to get in touch for inquiries, support, or feedback.



```
app > contact > page.tsx > ...
import React from 'react';
import Image from 'next/image';

const ContactPage = () => {
  return (
    <>
      <div>
        <Image
          src={"/images/contact.png"}
          alt="contact"
          width={1440}
          height={316}
          className="w-full h-auto mt-20"
        />
      </div>
      <div className="flex flex-col items-center justify-center mt-10 px-4 lg:mt-20">
        <h1 className="text-[24px] sm:text-[30px] lg:text-[36px] font-semibold text-center">
          Get In Touch With Us
        </h1>
        <p className="text-[14px] sm:text-[16px] text-[#9F9F9F] mt-4 text-center max-w-[90%] lg:max-w-[60%]">
          For More Information About Our Product & Services. Please Feel Free To Drop Us An Email.
          Our Staff Always Be There To Help You Out. Do Not Hesitate!
        </p>
      </div>
      <div className="flex flex-col lg:flex-row items-start justify-between mt-12 px-4 lg:px-16 gap-10">
        <div className="flex flex-col gap-8 lg:w-1/2">
          {
            {
              img: "/images/location.svg",
              title: "Address",
              desc: "236 5th SE Avenue, New York NY10000, United States",
            },
          }
        </div>
      </div>
    </>
  );
};
```



