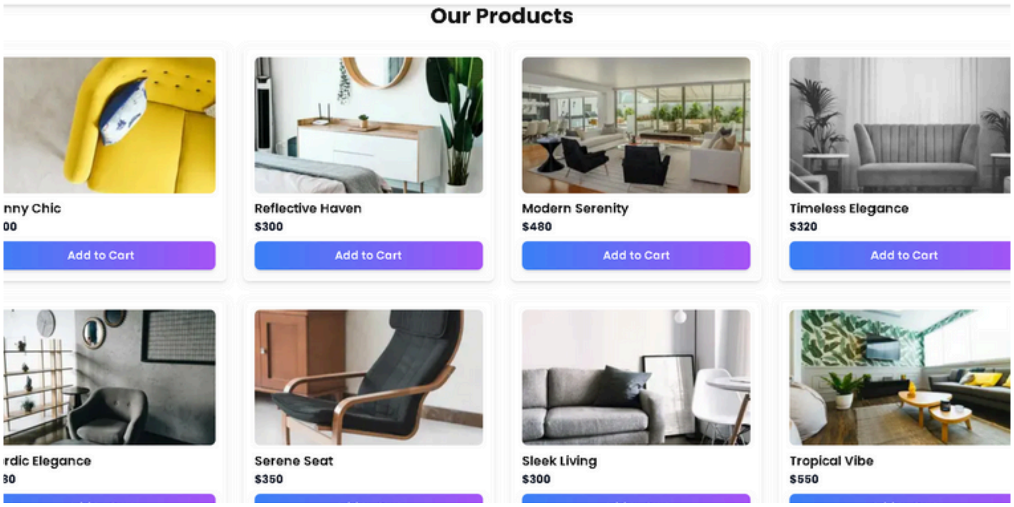
Day 4 - Dynamic Frontend Components Furniro

On Day 4, I focused on Dynamic Frontend Components using Sanity CMS and APIs for a real-world client project, Furniro. I implemented multiple dynamic functionalities on my responsive UI, including search, filters, product listing, cart management, add to cart, wishlist, product comparison, Notification component and dynamic updates.Emphasis was on modular design, state management, and creating a seamless UI/UX with a professional workflow, enhancing both usability and content management.

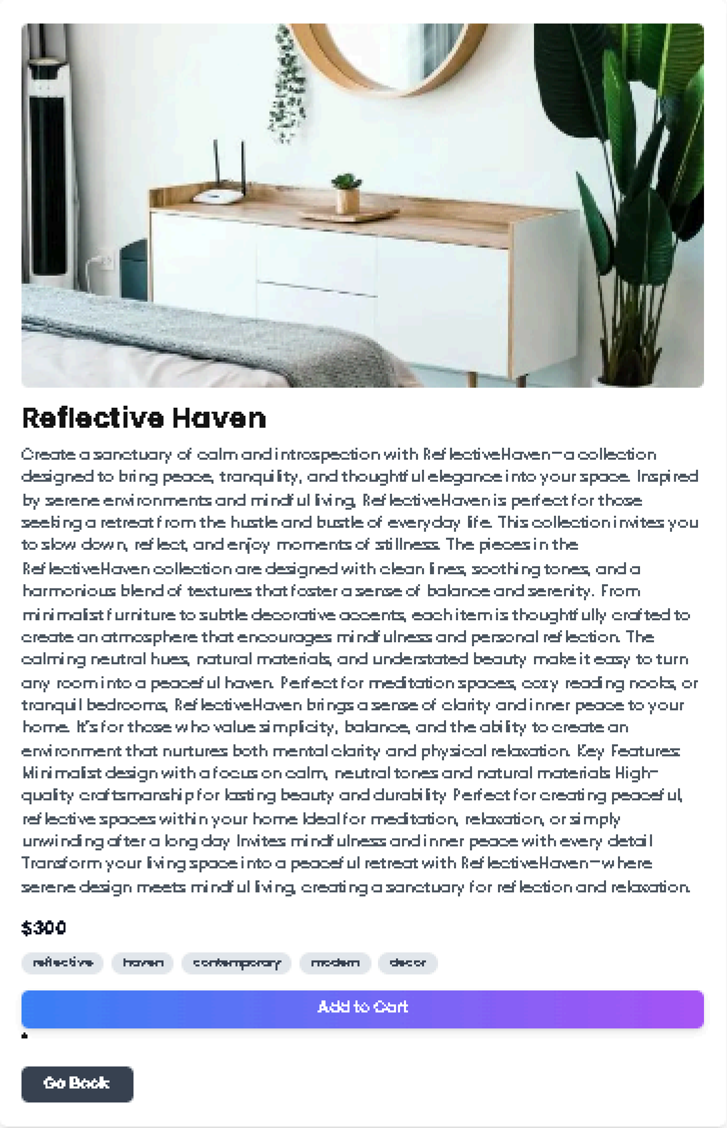
Product Listing Page – Furniro:

This page displays all products, where customer can view a wide range of Furniture. All dynamic data is fetched from Sanity CMS and presented in a well-structured and visually appealing UI, ensuring a seamless and engaging shopping experience.



Product Detail Page – Furniro:

This page is designed for customers seeking detailed information about a specific furniture item. Here, customers can explore comprehensive product details, including add to cart, wishlist, and other key specifications. Additionally, related products are displayed to offer a more personalized shopping experience. Each product is uniquely identified by a unique ID, enabling dynamic routing and seamless data rendering, delivering a refined and user-friendly experience for the customer.



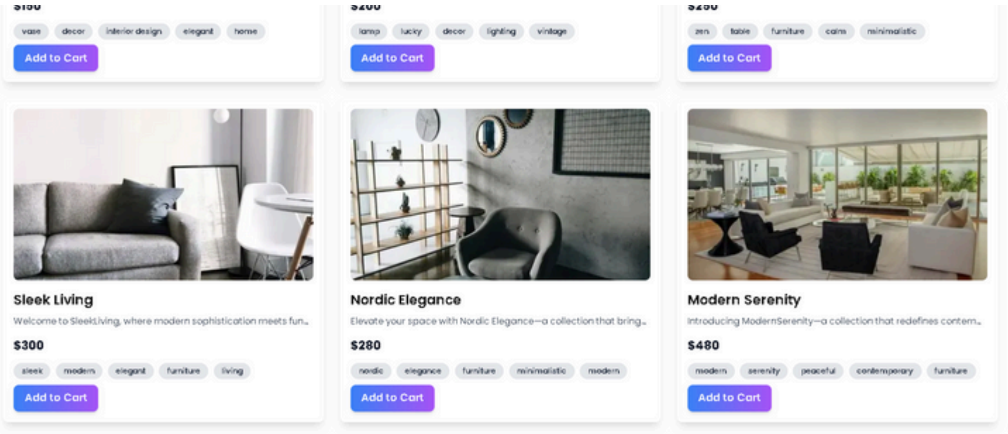
Reflective Haven

Create a sanctuary of calm and introspection with ReflectiveHaven—a collection designed to bring peace, tranquility, and thoughtful elegance into your space. Inspired by serene environments and mindful living, ReflectiveHaven is perfect for those seeking a retreat from the hustle and bustle of everyday life. This collection invites you to slow down, reflect, and enjoy moments of stillness. The pieces in the ReflectiveHaven collection are designed with clean lines, soothing tones, and a harmonious blend of textures that foster a sense of balance and serenity. From minimalist furniture to subtle decorative accents, each item is thoughtfully crafted to create an atmosphere that encourages mindfulness and personal reflection. The calming neutral hues, natural materials, and understated beauty make it easy to turn any room into a peaceful haven. Perfect for meditation spaces, cozy reading nooks, or tranquil bedrooms, ReflectiveHaven brings a sense of clarity and inner peace to your home. It's for those who value simplicity, balance, and the ability to create an environment that nurtures both mental clarity and physical relaxation. Key Features: Minimalist design with a focus on calm, neutral tones and natural materials High-quality craftsmanship for lasting beauty and durability Perfect for creating peaceful, reflective spaces within your home Ideal for meditation, relaxation, or simply unwinding after a long day Invites mindfulness and inner peace with every detail Transform your living space into a peaceful retreat with ReflectiveHaven—where serene design meets mindful living, creating a sanctuary for reflection and relaxation.

$300

Pagination:

I have created two pages for pagination, allowing customers to easily navigate through multiple pages of products for a seamless shopping experience.



$150

vase · decor · interior design · elegant · home

Add to Cart

$200

lamp · lucky · decor · lighting · vintage

Add to Cart

$250

zen · table · furniture · calm · minimalistic

Add to Cart

Sleek Living

Welcome to SleekLiving, where modern sophistication meets fun...

$300

sleek · modern · elegant · furniture · living

Add to Cart

Nordic Elegance

Elevate your space with Nordic Elegance—a collection that bring...

$280

nordic · elegance · furniture · minimalistic · modern

Add to Cart

Modern Serenity

Introducing ModernSerenity—a collection that redefines contem...

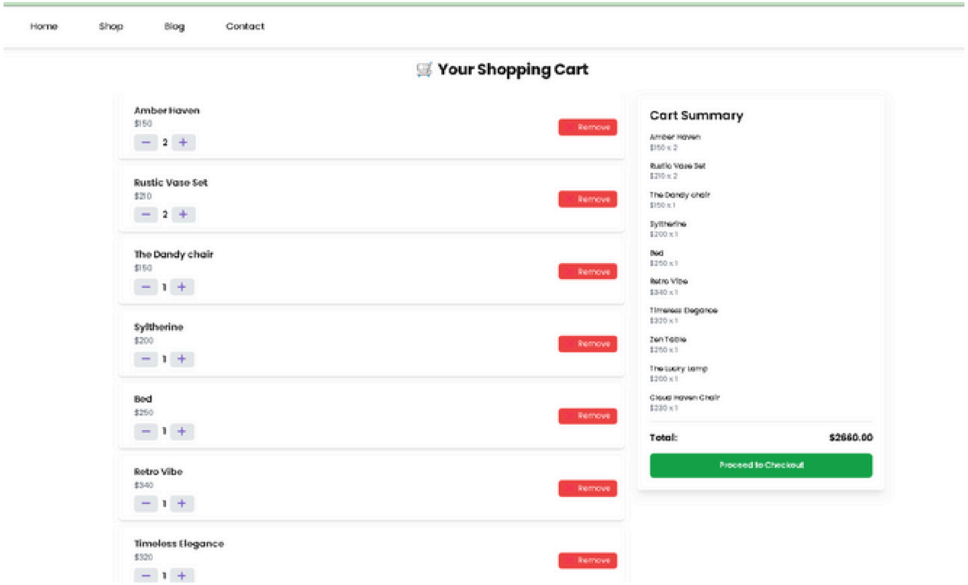
$480

modern · serenity · peaceful · contemporary · furniture

Add to Cart

Shopping Cart:

In this cart, users can view and manage their selected items. It offers a smooth experience to review, adjust quantities, and proceed to checkout effortlessly.



🛒 **Your Shopping Cart**

Amber Haven
$150
− 2 +
Remove

Rustic Vase Set
$210
− 2 +
Remove

The Dandy chair
$150
− 1 +
Remove

Syltherine
$200
− 1 +
Remove

Bed
$250
− 1 +
Remove

Retro Vibe
$340
− 1 +
Remove

Timeless Elegance
$320
− 1 +
Remove

Cart Summary

Amber Haven
$150 x 2

Rustic Vase Set
$210 x 2

The Dandy chair
$150 x 1

Syltherine
$200 x 1

Bed
$250 x 1

Retro Vibe
$340 x 1

Timeless Elegance
$320 x 1

Zen Table
$250 x 1

The Lucky Lamp
$200 x 1

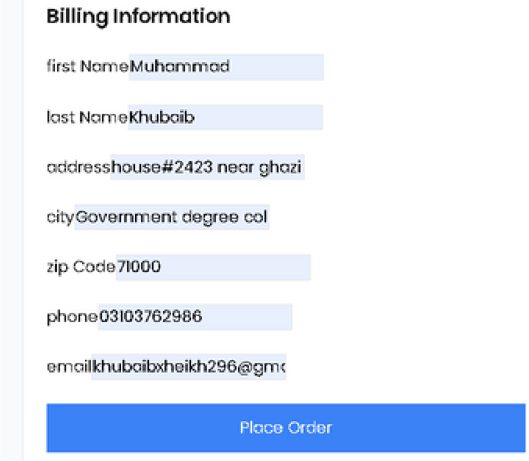
Cloud Haven Chair
$230 x 1

Total: **$2660.00**

Proceed to Checkout

Checkout Page:

On the checkout page, all cart items are carried over for the final review. Customer can select their preferred payment method and securely place their order.



Billing Information

first NameMuhammad

last NameKhubaib

addresshouse#2423 near ghazi

cityGovernment degree col

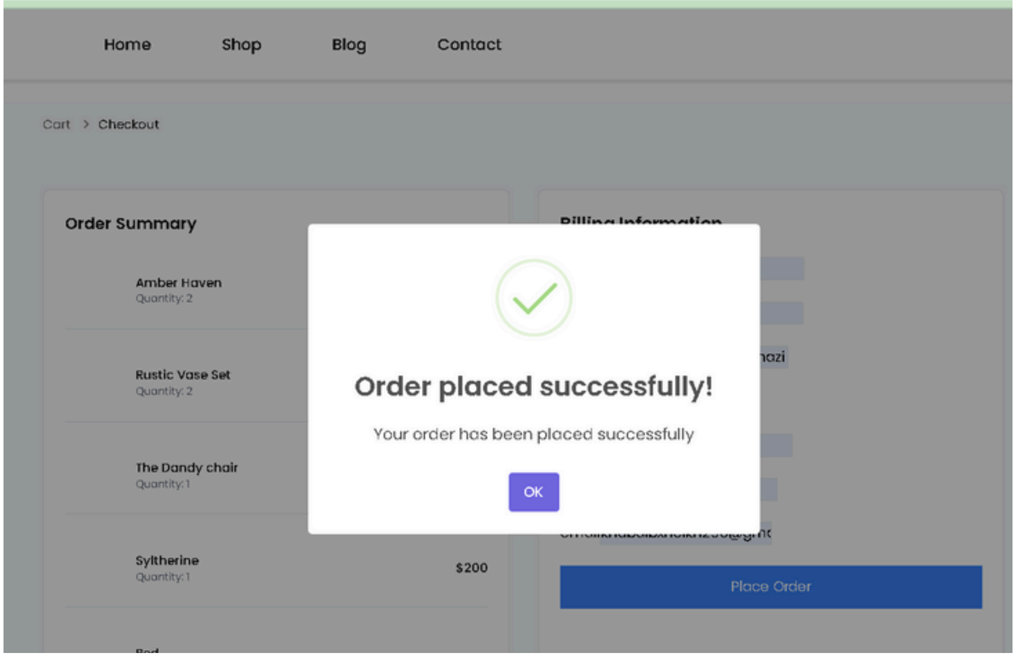
zip Code71000

phone03103762986

emailkhubaibxheikh296@gm

Order Successful:

When the order is successfully placed, the customer will see a confirmation message.



Order Summary

Amber Haven
Quantity: 2

Rustic Vase Set
Quantity: 2

The Dandy chair
Quantity: 1

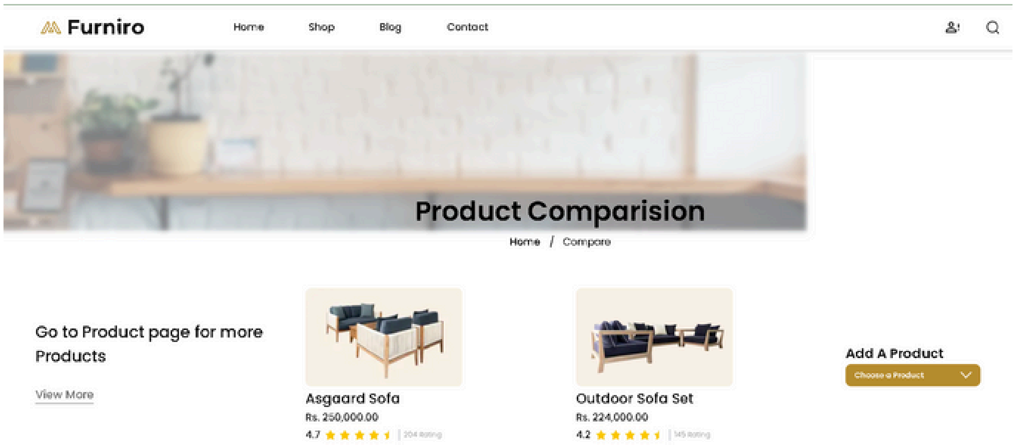
Syltherine
Quantity: 1
$200

Order placed successfully!

Your order has been placed successfully

Comparison Page:

This comparison page allows customers to select multiple furniture items and view a detailed comparison side by side. Customers can compare features, specifications, and prices to make informed decisions.



Product Comparision

Home / Compare

Go to Product page for more Products

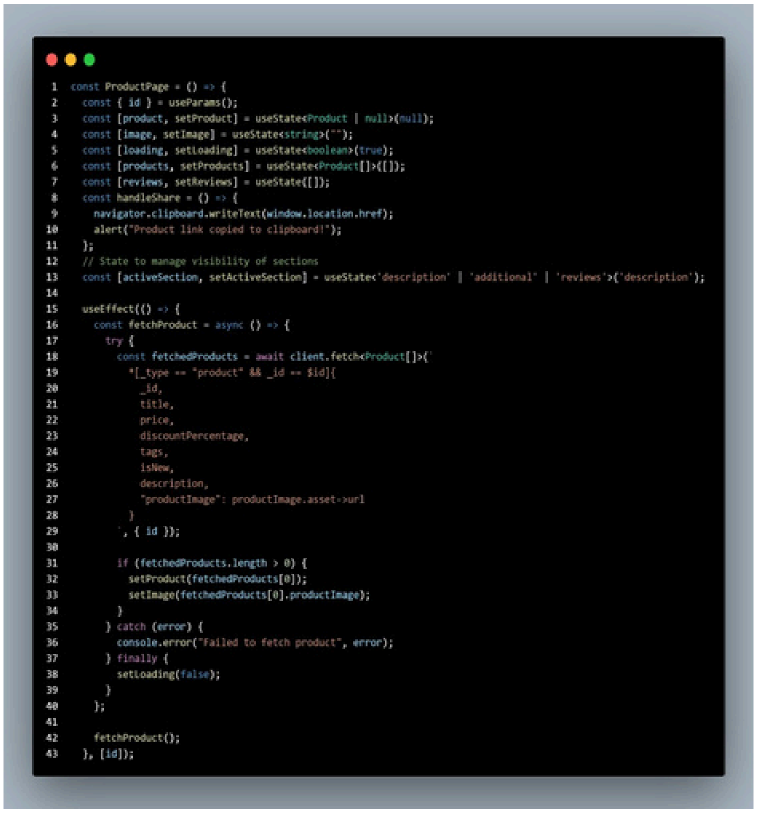
View More

Asgaard Sofa
Rs. 250,000.00
4.7 ★★★★☆ | 204 Rating

Outdoor Sofa Set
Rs. 224,000.00
4.2 ★★★★☆ | 145 Rating

Add A Product

Dynamic Product Page Code Snippet:



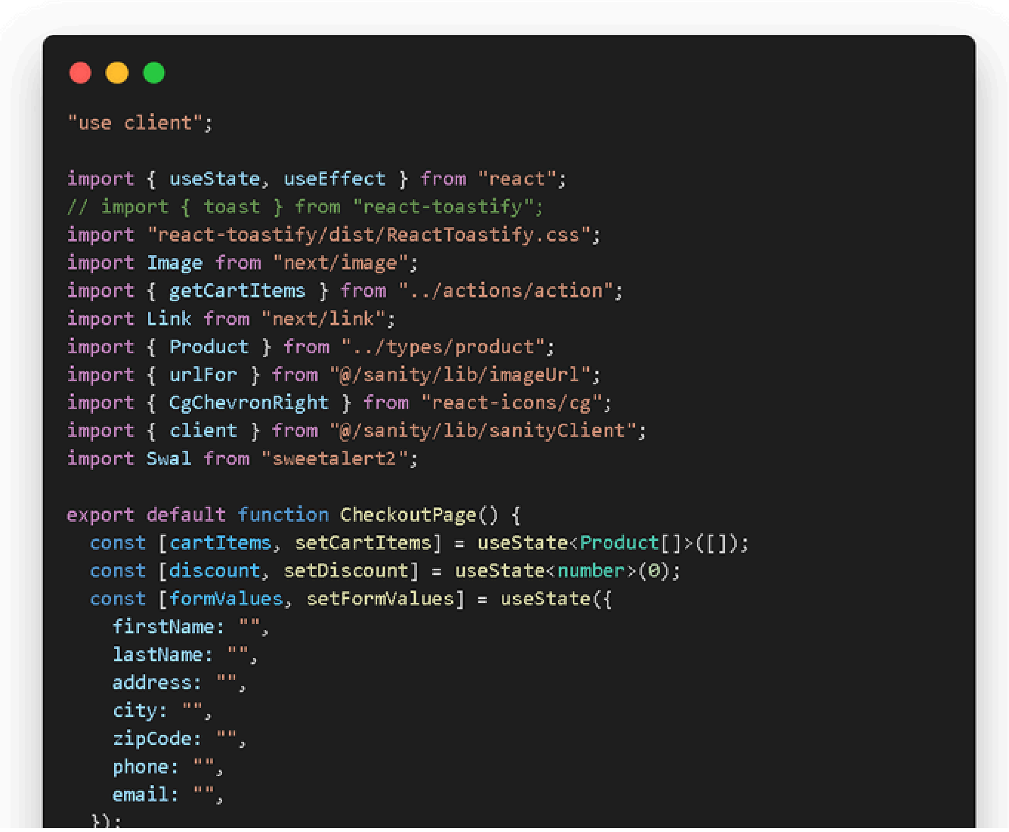
```
const ProductPage = () => {
  const { id } = useParams();
  const [product, setProduct] = useState<Product | null>(null);
  const [image, setImage] = useState<string>("");
  const [loading, setLoading] = useState<boolean>(true);
  const [products, setProducts] = useState<Product[]>([]);
  const [reviews, setReviews] = useState([]);
  const handleShare = () => {
    navigator.clipboard.writeText(window.location.href);
    alert("Product link copied to clipboard!");
  };
  // State to manage visibility of sections
  const [activeSection, setActiveSection] = useState<'description' | 'additional' | 'reviews'>('description');

  useEffect(() => {
    const fetchProduct = async () => {
      try {
        const fetchedProducts = await client.fetch<Product[]>(`
          *[_type == "product" && _id == $id]{
            _id,
            title,
            price,
            discountPercentage,
            tags,
            isNew,
            description,
            "productImage": productImage.asset->url
          }
        `, { id });

        if (fetchedProducts.length > 0) {
          setProduct(fetchedProducts[0]);
          setImage(fetchedProducts[0].productImage);
        }
      } catch (error) {
        console.error("Failed to fetch product", error);
      } finally {
        setLoading(false);
      }
    };

    fetchProduct();
  }, [id]);
```

Checkout page Code Snippet:



```
"use client";

import { useState, useEffect } from "react";
// import { toast } from "react-toastify";
import "react-toastify/dist/ReactToastify.css";
import Image from "next/image";
import { getCartItems } from "../actions/action";
import Link from "next/link";
import { Product } from "../types/product";
import { urlFor } from "@/sanity/lib/imageUrl";
import { CgChevronRight } from "react-icons/cg";
import { client } from "@/sanity/lib/sanityClient";
import Swal from "sweetalert2";

export default function CheckoutPage() {
  const [cartItems, setCartItems] = useState<Product[]>([]);
  const [discount, setDiscount] = useState<number>(0);
  const [formValues, setFormValues] = useState({
    firstName: "",
    lastName: "",
    address: "",
    city: "",
    zipCode: "",
    phone: "",
    email: "",
  });
```

Self-Validation Checklist:

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