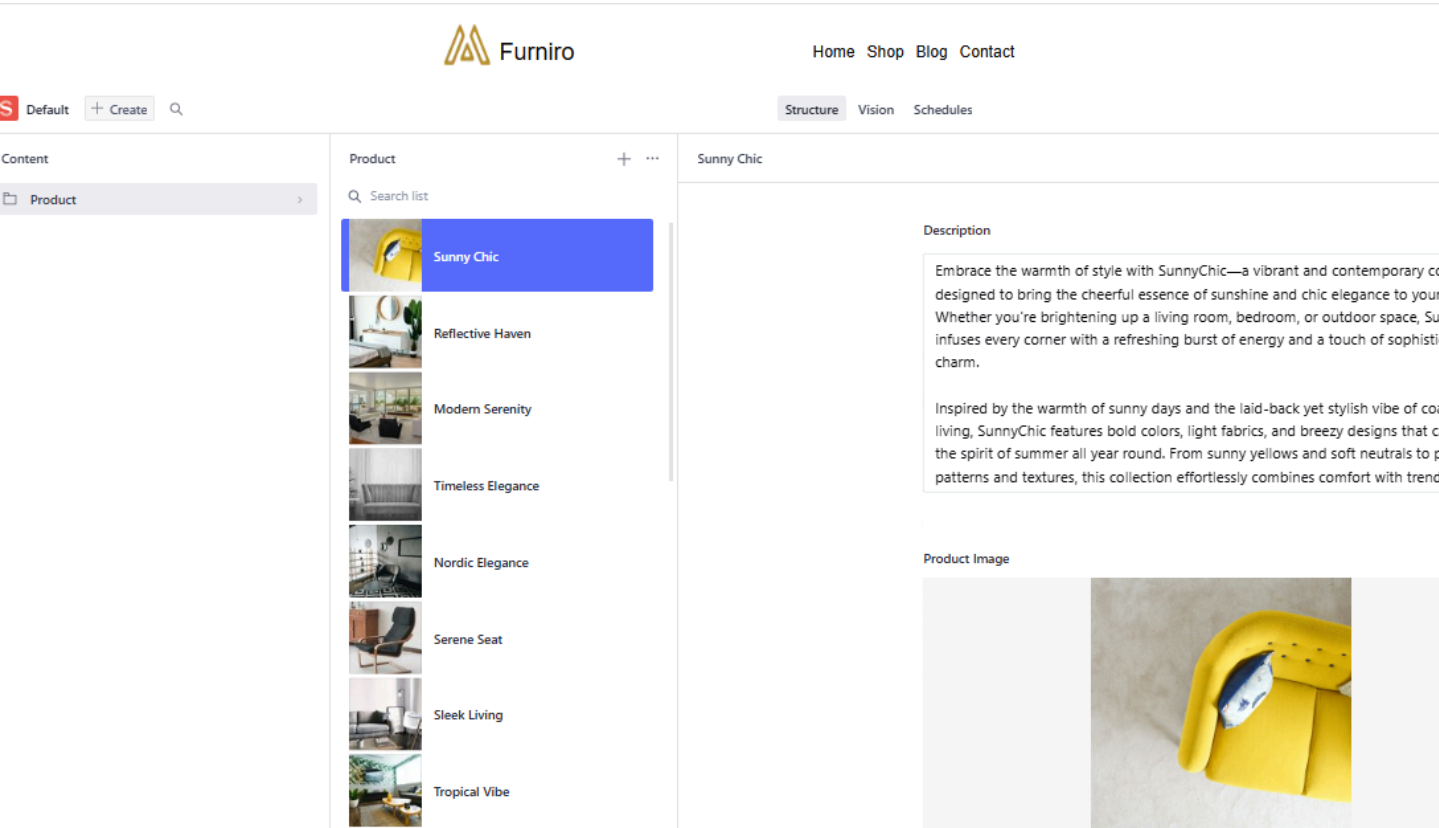


# Day2 task

## APi integration Process



Api calls:

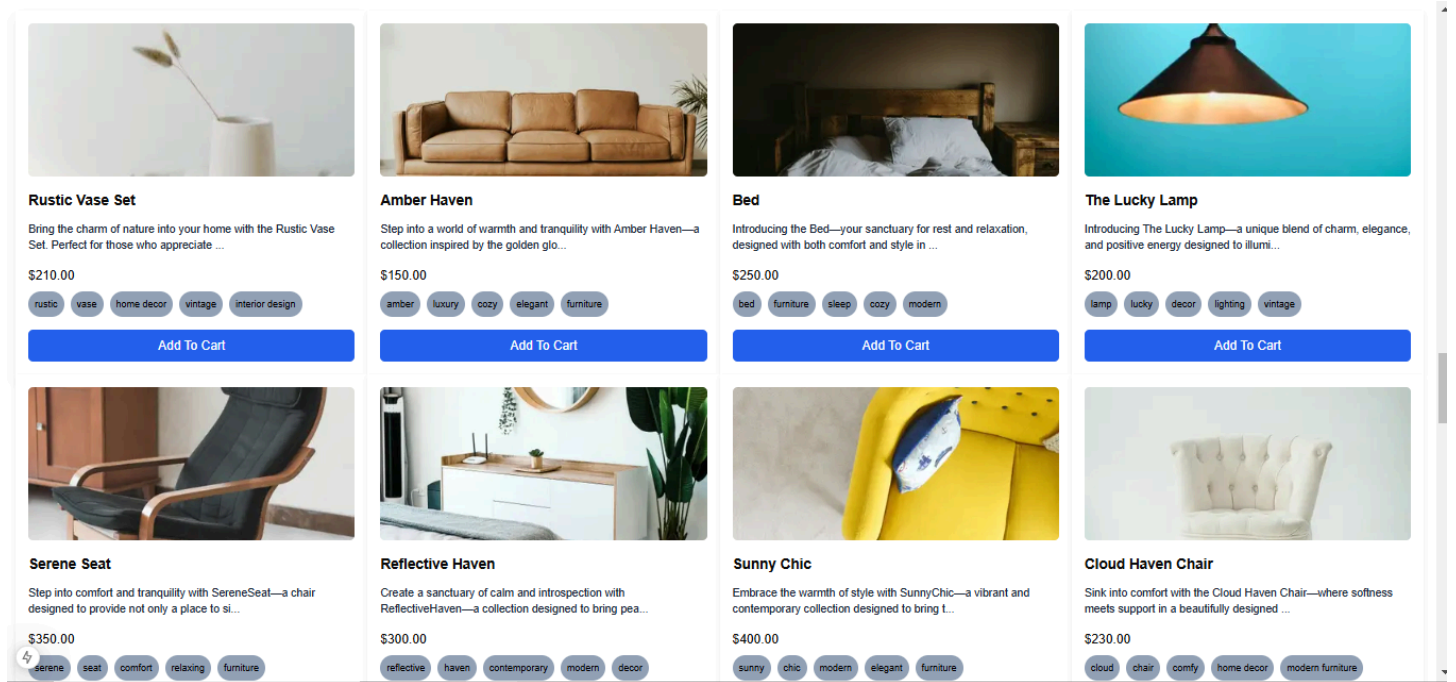
Task:

*APi Understanding*

Schema validation

Data migration

Api integration in  
Nextjs



```
my-project > src > app > Product > page.tsx > ProductCards > addCart
1  "use client"
2
3  import React, { useEffect, useState } from "react";
4  import { createClient } from '@sanity/client';
5  import Image from "next/image";
6
7  const sanity = createClient({
8    projectId: "ysut65f2",
9    dataset: "productionpt",
10   apiVersion: "2023-01-01",
11   useCdn: true,
12 });
13
14 interface Product {
15   title: string;
16   price: number;
17   _id: string;
18   description: string;
19   discountPercentage: number;
20   imageUrl : string;
21   productImage:{
22     assest:{
23       _ref:string;
24     }
25   }
26
27   tags: string[];
28   isNew: boolean;
29 }
30
31 const ProductCards: React.FC = () => {
32   const [products, setProducts] = useState<Product[]>([]);
33 }
```

```

my-project > src > app > Product > page.tsx > ProductCards > addCart
31 const ProductCards: React.FC = () => {
32   const [products, setProducts] = useState<Product[]>([]);
33   const [cart, setCart] = useState<Product[]>([]);
34
35   const fetchProducts = async () => {
36     try {
37       const query = `*_type == "product"{
38         title,
39         "imageUrl": productImage.asset->url,
40         price,
41         discountPercentage,
42         tags,
43         description,
44         isNew,
45         _id
46       }`;
47       const data = await sanity.fetch(query);
48       setProducts(data);
49     } catch (error) {
50       console.log("Error Fetching Products:", error);
51     }
52   };
53
54   const addCart = (product: Product) => {
55     if (!cart.some(item => item._id === product._id)) {
56       setCart((prevCart) => [...prevCart, product]);
57       alert(`${product.title} has been added to your cart!`);
58     } else {
59       alert(`${product.title} is already in the cart.`);
60     }
61   };
62
63   const truncateDescription = (description: string) => {

```

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