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Day 3 Api Integration Report Nike Hakthon

Api integration process 1

```
https://template-03-api.vercel.app/api/products
```

i fetched data from this URL and get name,description,price and image and put them into UI

Schemas Define

```
export const productSchema = {
  name: 'product',
  title: 'Product',
  type: 'document',
  fields: [
    {
      name: 'productName',
      title: 'Product Name',
      type: 'string',
    },
    {
      name: 'category',
      title: 'Category',
      type: 'string',
    },
    {
      name: 'price',
      title: 'Price',
      type: 'number',
    },
    {
      name: 'inventory',
      title: 'Inventory',
      type: 'number',
    },
    {
      name: 'colors',
      title: 'Colors',
      type: 'array',
      of: [{ type: 'string' }],
    },
    {
      name: 'status',
      title: 'Status',
      type: 'string',
    },
    {
      name: 'image',
      title: 'Image',
      type: 'image', // Using Sanity's image type for image field
      options: {
        hotspot: true,
      },
    },
    {
      name: 'description',
      title: 'Description',
      type: 'text',
    },
  ],
}
```

environment setup

installed required dependice “sanity”,”dotenv”

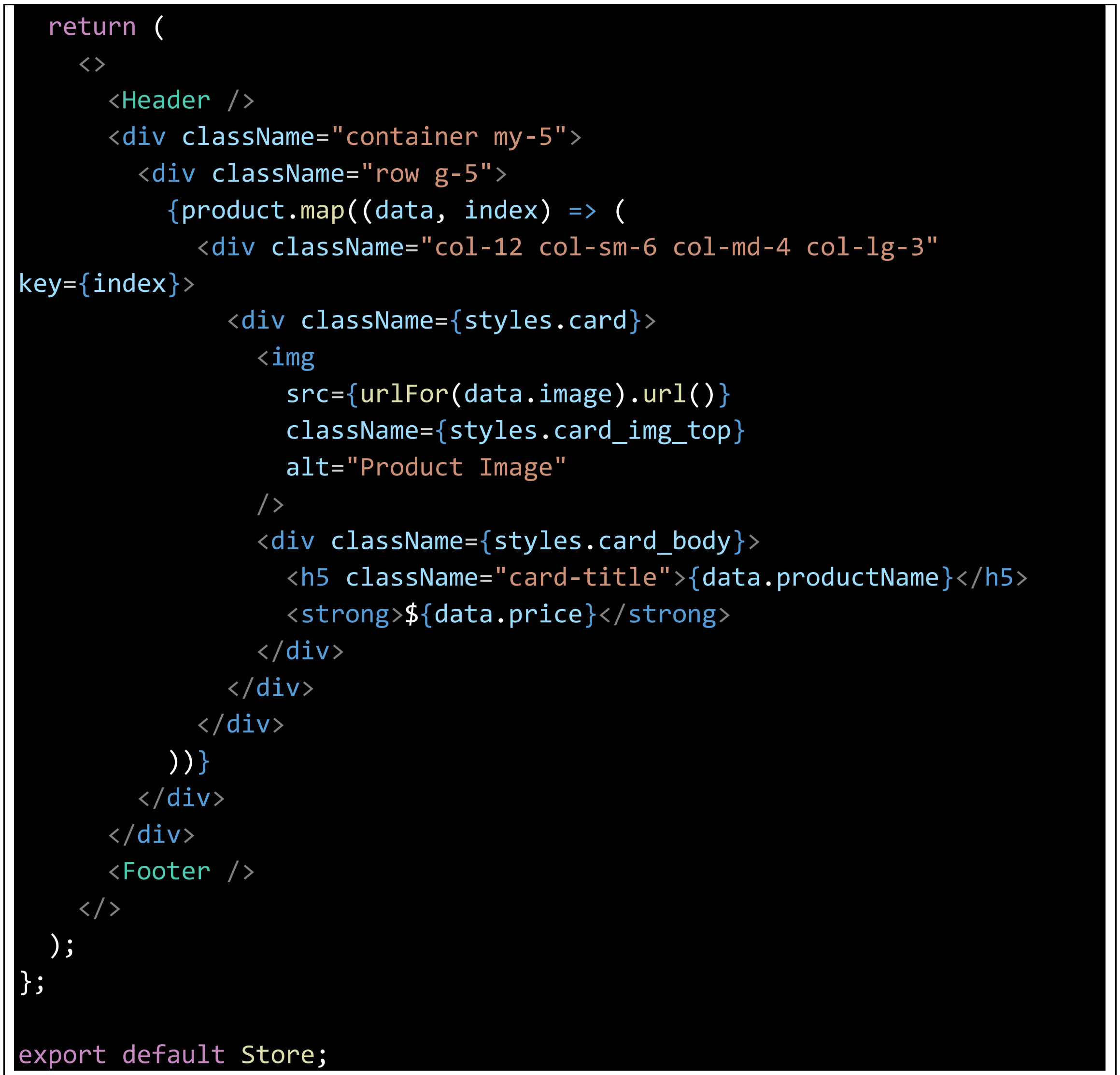
data fetching

data fetching from sanity url to your project

image upload

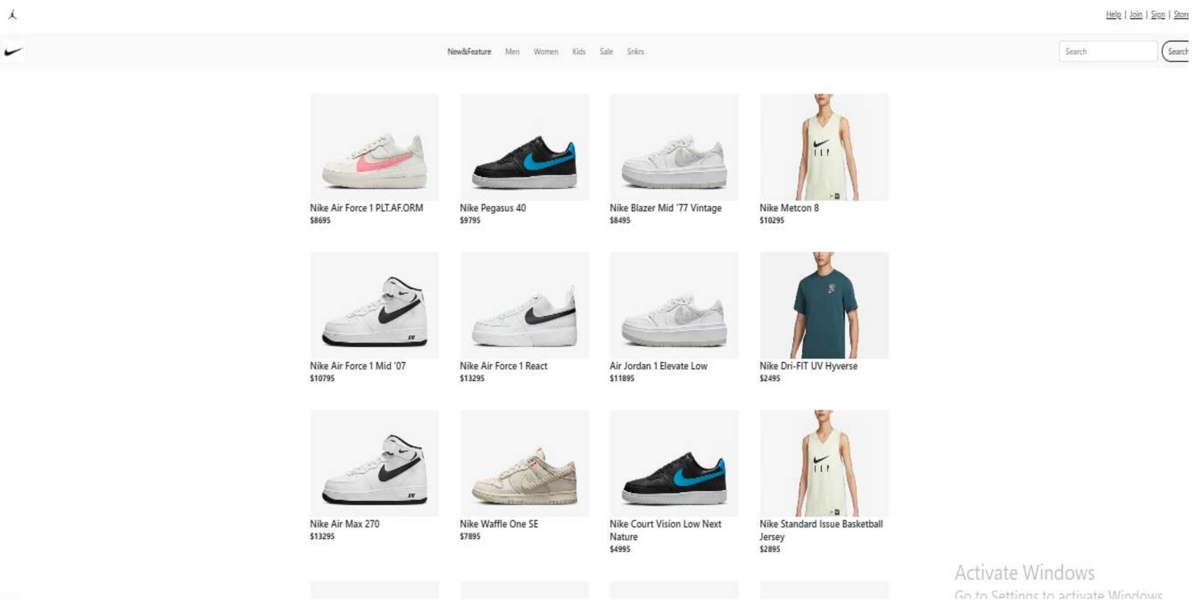
fetched data to upload image etc

```
import React, { useEffect, useState } from "react";
import Header from "@/component/Header";
import Footer from "@/component/Footer";
import "bootstrap/dist/css/bootstrap.min.css";
import axios from "axios";
import styles from "./Store.module.css";
import { Product } from "@/types/products";
import { allProducts } from "@/sanity/lib/queries";
import { client } from "@/sanity/lib/client";
import { urlFor } from "@/sanity/lib/image";

const Store = () => {
  const [product, setProduct] = useState<Product[]>([]);
  const [loading, setLoading] = useState(true);
  const [error, setError] = useState<string | null>(null);

  useEffect(() => {
    async function fetchProduct() {
      try {
        const fetchedProduct: Product[] = await
client.fetch(allProducts);
        setProduct(fetchedProduct);
      } catch (err) {
        setError("Failed to fetch products");
        console.error(err);
      } finally {
        setLoading(false);
      }
    }

    fetchProduct();
  }, []); // Add empty dependency array to run only once

  if (loading) return <p>Loading...</p>;
  if (error) return <p>Error: {error}</p>;
```



```
  return (
    <>
      <Header />
      <div className="container my-5">
        <div className="row g-5">
          {product.map((data, index) => (
            <div className="col-12 col-sm-6 col-md-4 col-lg-3"
key={index}>
              <div className={styles.card}>
                <img
                  src={urlFor(data.image).url()}
                  className={styles.card_img_top}
                  alt="Product Image"
                />
                <div className={styles.card_body}>
                  <h5 className="card-title">{data.productName}</h5>
                  <strong>${data.price}</strong>
                </div>
              </div>
            </div>
          ))}
        </div>
      </div>
      <Footer />
    </>
  );
};

export default Store;
```

Final Result



Nike Air Force 1 PLT.AF.ORM
$8695

Nike Pegasus 40
$9795

Nike Blazer Mid '77 Vintage
$8495

Nike Metcon 8
$10295

Nike Air Force 1 Mid '07
$10795

Nike Air Force 1 React
$13295

Air Jordan 1 Elevate Low
$11895

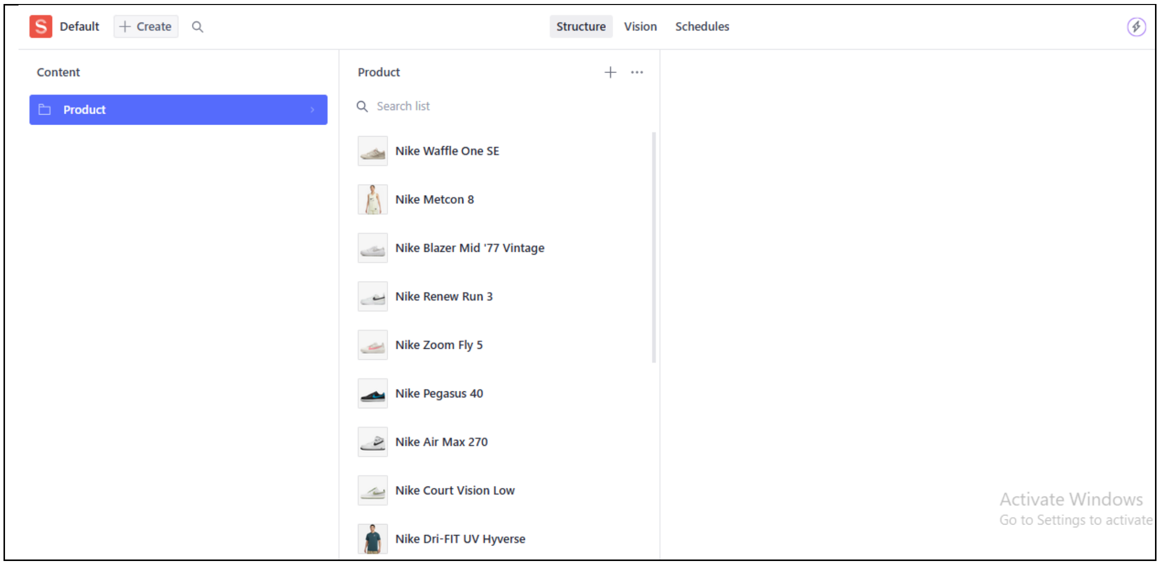
Nike Dri-FIT UV Hyverse
$2495

Nike Air Max 270
$13295

Nike Waffle One SE
$7895

Nike Court Vision Low Next Nature
$4995

Nike Standard Issue Basketball Jersey
$2895



Nike Waffle One SE

Nike Metcon 8

Nike Blazer Mid '77 Vintage

Nike Renew Run 3

Nike Zoom Fly 5

Nike Pegasus 40

Nike Air Max 270

Nike Court Vision Low

Nike Dri-FIT UV Hyverse