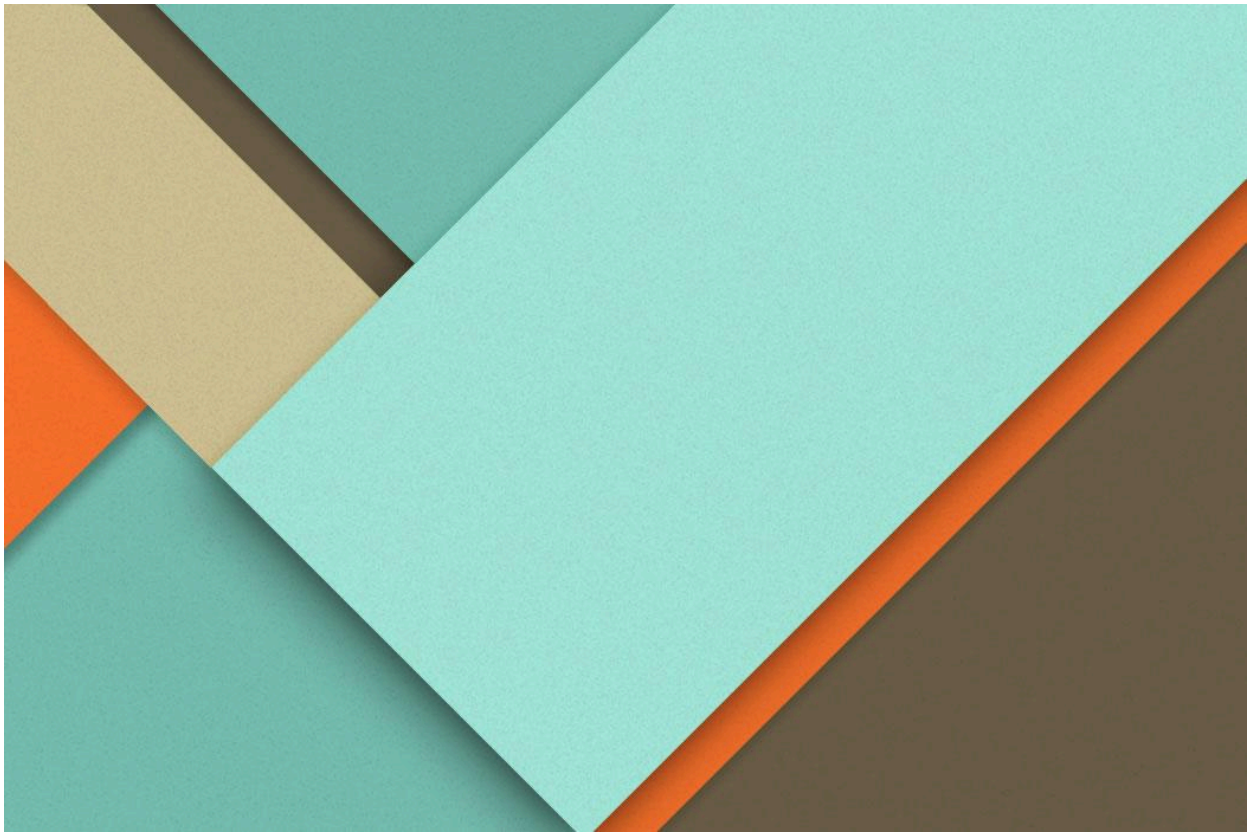


NAME: AQSA ARSHAD RASHEED

ROLL NO : 00496448

Day 3 - API Integration Report - [Comforty Marketplace]

Introduction:

API Integration Process:

On Day 3, I focused on integrating APIs and migrating data into the Sanity CMS to build a functional backend for the Comforty Marketplace. I used the provided API (Template 8) to populate my Sanity CMS with product data, followed by integrating the data into the frontend.

Steps Followed:

1) Review API Documentation:

I thoroughly reviewed the API documentation for Template 6, which provided a URL to fetch product data:

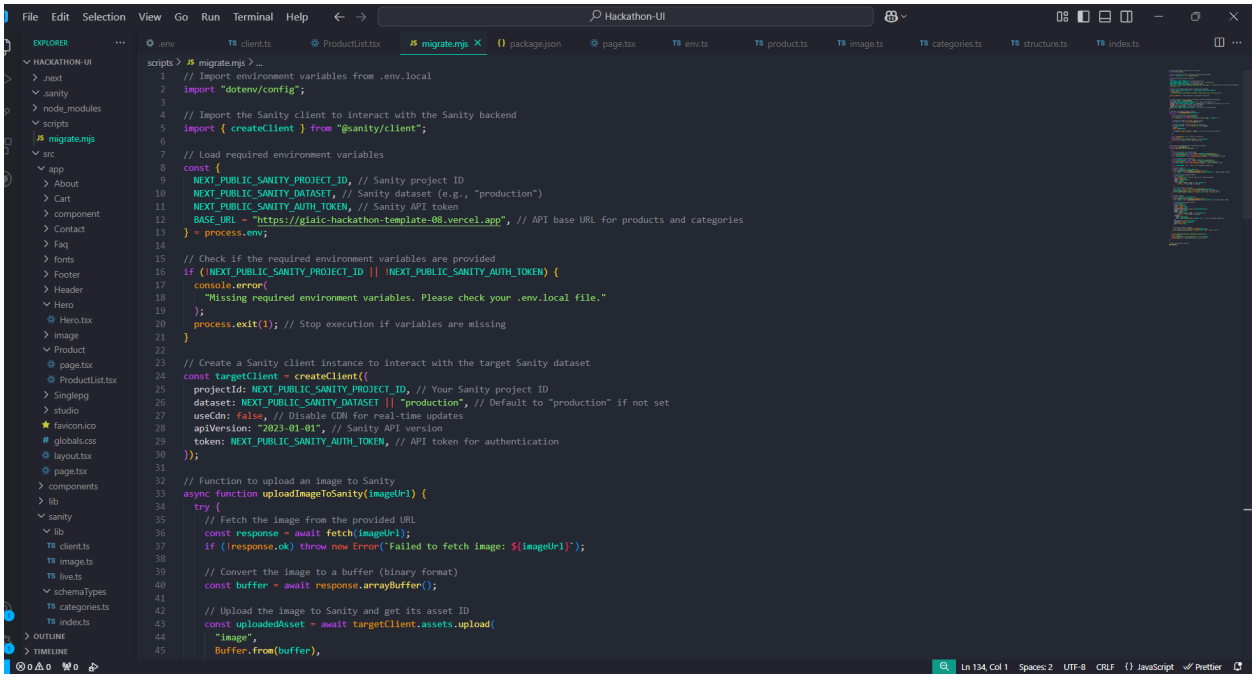
Template 8 API Documentation.

2) Validate and Adjust Sanity Schema: I compared the API data structure with my existing Sanity schema and adjusted the field names to ensure they matched. I used the following schema:

- The script was successfully executed to transfer the product data into Sanity.

Data Migration:

- **Migration Method Used:** I used the migration script provided in Template 8 to fetch the data from the API and populate the Sanity CMS.
  Migration Script
- The script was successfully executed to transfer the product data into Sanity.



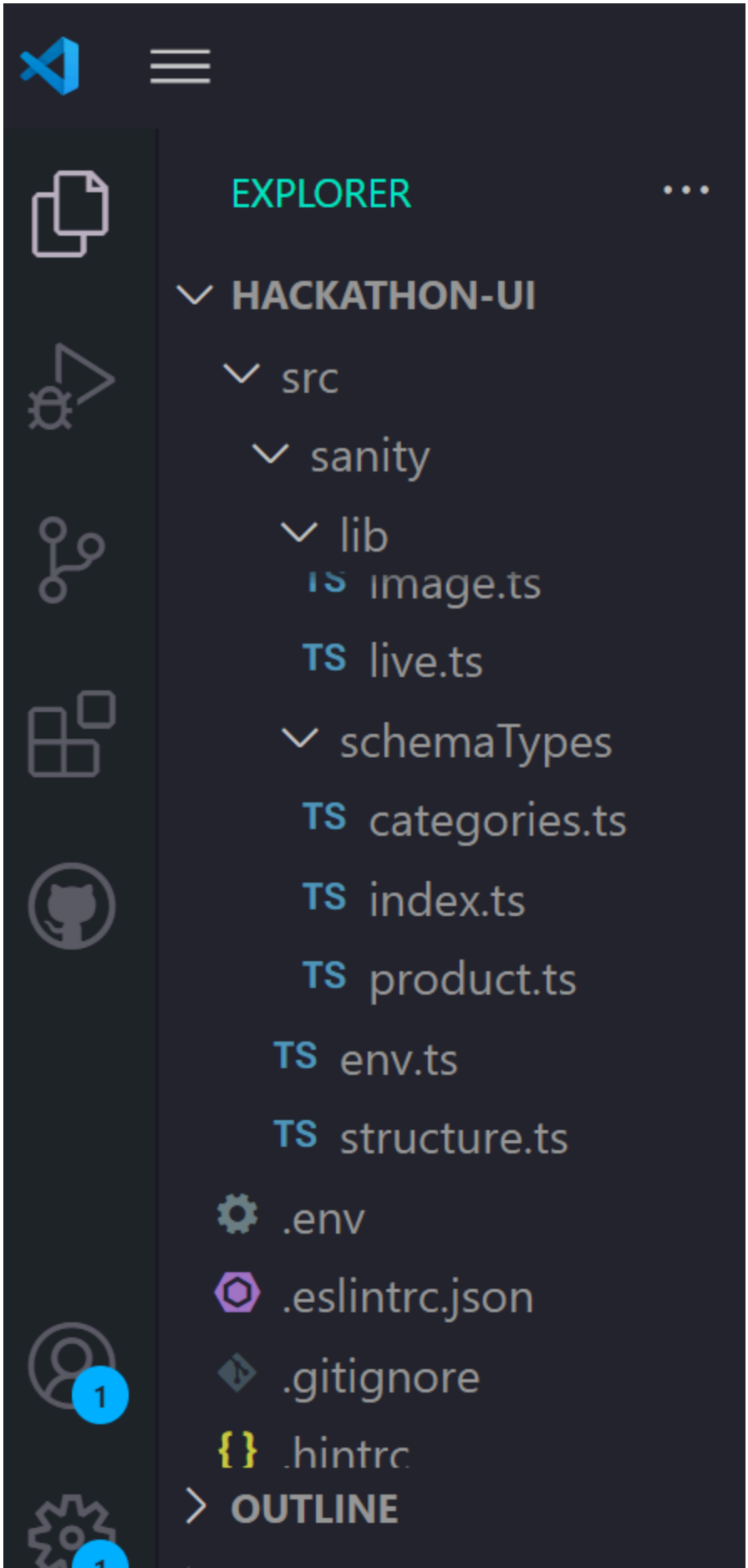
4) API Integration in Next.js:

- I created utility functions in my Next.js project to fetch data from the API and display product listings on the frontend.
- Data was successfully rendered in the product section of the homepage.

• Adjustments Made to Schema:

During the migration, I adjusted my Sanity schema to accommodate the product data. The field names were mapped from the API to the schema, such as:

- API field `product_title` was mapped to Sanity's `name`.
- The `product_price` field was mapped to `price` in Sanity.


EXPLORER
HACKATHON-UI
src
sanity
lib
image.ts
live.ts
schemaTypes
categories.ts
index.ts
product.ts
env.ts
structure.ts
.env
.eslintrc.json
.gitignore
.hintrc
OUTLINE

Screenshots:

Sanity CMS Data Population: