Day 3 – API Integration Report – Nike E-commerce Website

Objective:

The purpose of Day 3 is to integrate an API and seamlessly migrate data into Sanity CMS, ensuring the backend is efficiently connected to the database. This involves setting up schemas, organizing the data structure, and verifying that all content is accurately stored. Additionally, the goal is to fetch the entire dataset in the frontend, displaying it dynamically and ensuring proper functionality across the project.

API Integration Process:

We've provided an API to integrate into our Sanity CMS ensuring compatibility with templates. Using tools like postman to test API endpoints and testing the integration by rendering API data on the frontend.

Adjustments made to Schema:

Updating Sanity CMS schema to match API fields.

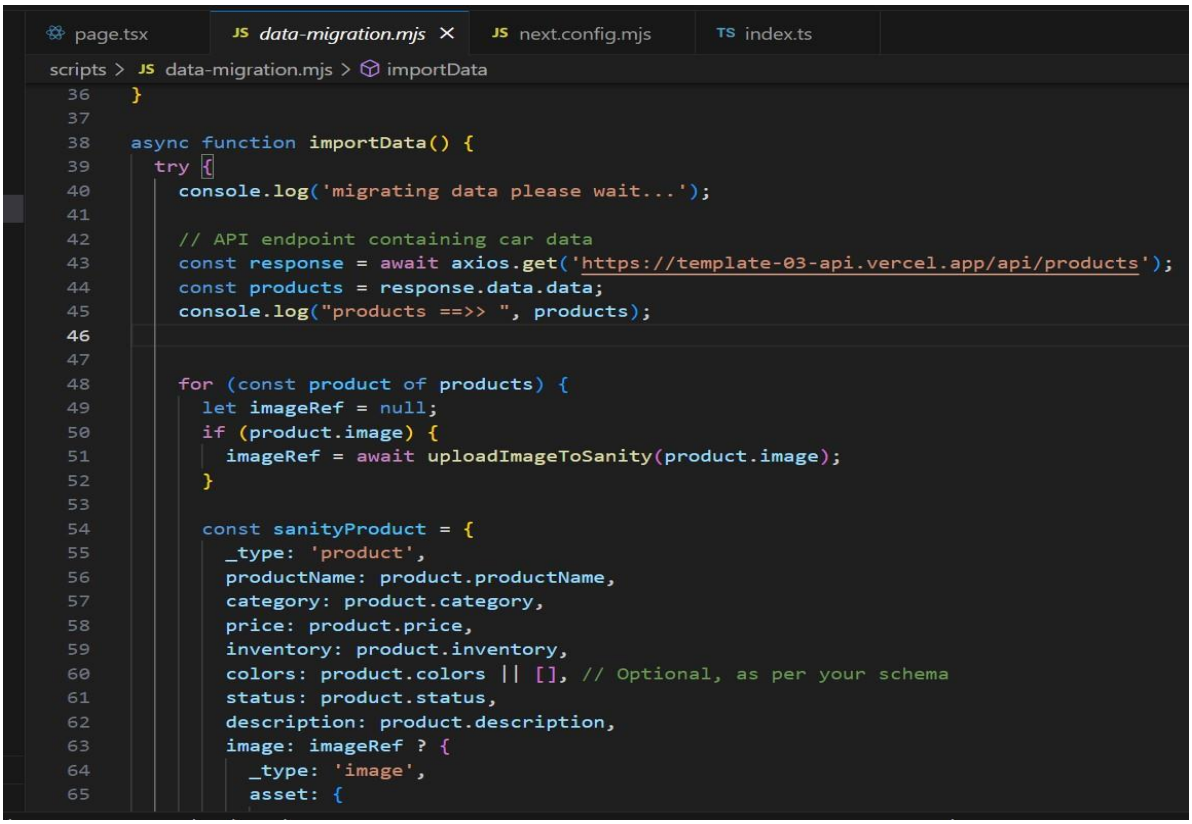
Example:

- API field: product_title
- Schema field: name

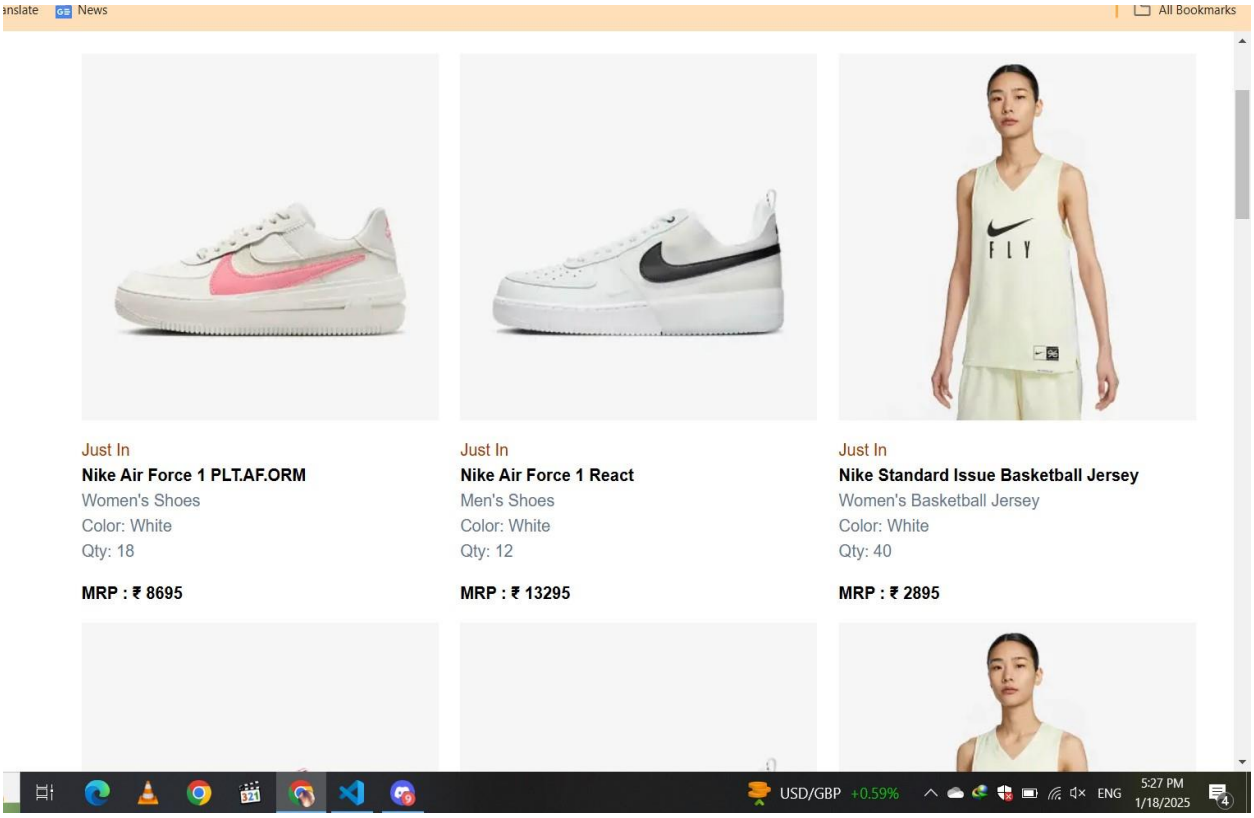
Migration step and tools used:

I wrote the scripts to fetch data from the API provided according to given template and used Sanity's build-in import tools to upload the data.

API calls:



Data Successfully displayed in the frontend:



Populated Sanity CMS fields: