Amber

243034

Friday 9-12 (Morning)

Api Integration Report - [Heckto Website]

Reviewed API Documentation:

I carefully read the provided API documentation for my assigned template to understand the available endpoint {/products}

I identified the structure of the date returned by API ,including field names and date types.

Compared API Data with Sanity Schema

I reviewed API data structure and compared it with the existing schema in sanity CMS. I identified mismatches in feildl names and data types.

- API Field : product_title Sanity Fied: name
- API Field: price Sanity Field price (with proper data type)

I added new fields in sanity CMS to accommodate additional data from the API ,because the API is not enough to complete website product and their details.

To Migrate data from the API to Sanity CMS, I followed these steps:

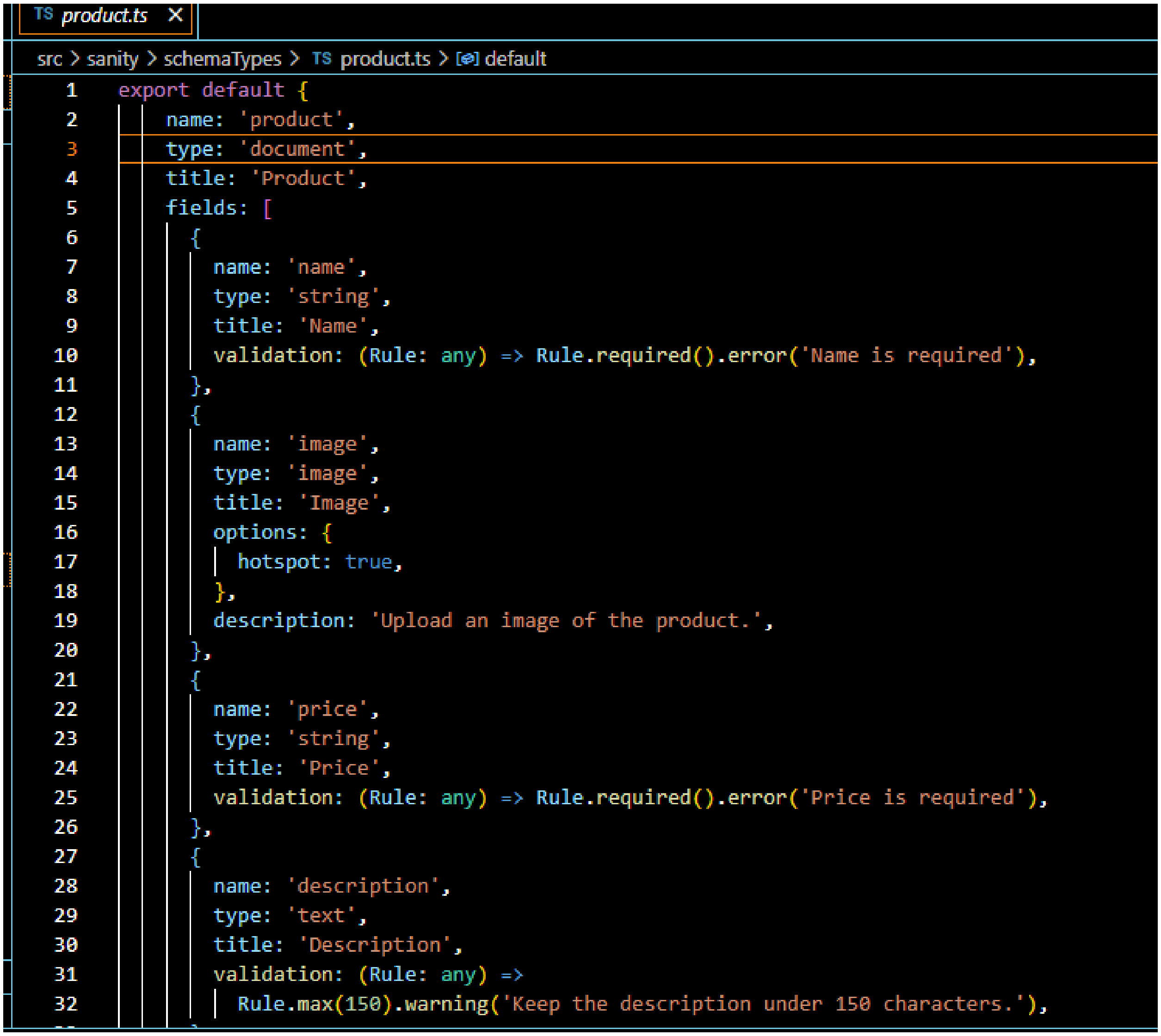
I decided to use the provided API to fetch data and write a script to import it into

Sanity CMS.

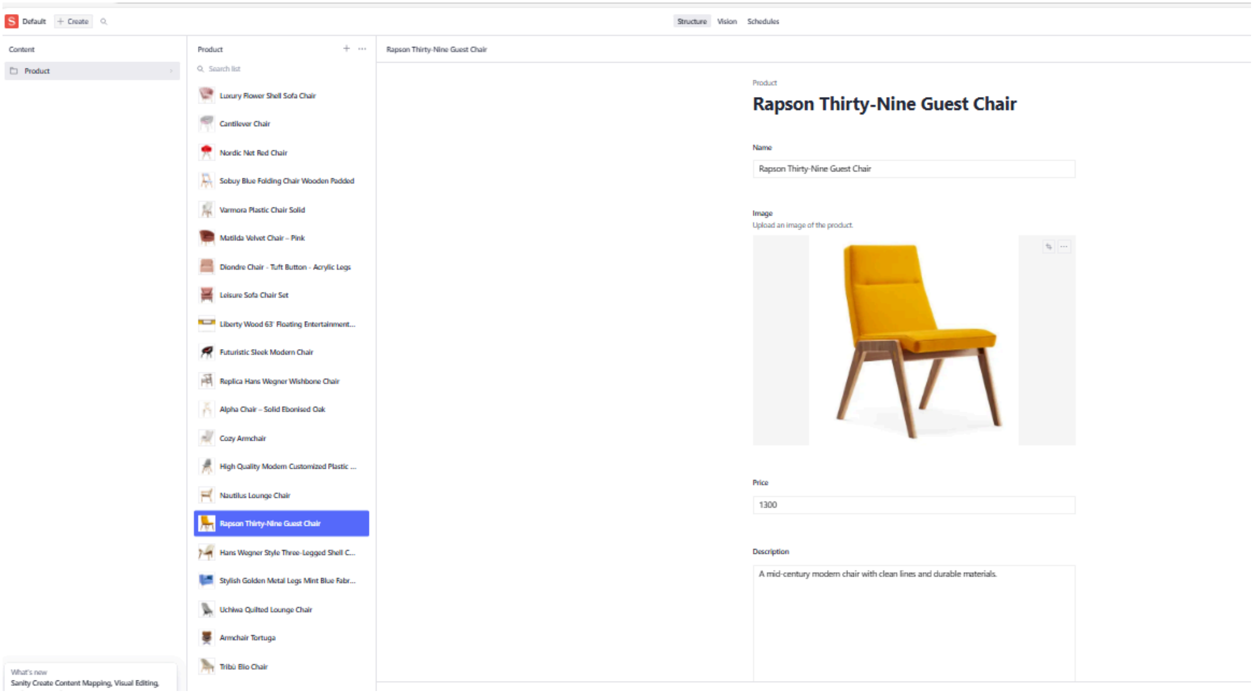
- I create a script folder and then i create a migration file to fetch data from the api and transform it into formate required by Sanity CMS.
- I used the Sanity client library to upload the data to the CMS. I ran the migration script to import product data, categories and other relevant information into Sanity CMS.

  In this project ,I successfully integrated the provided API into my next.js frontend and migrated data into Sanity CMS. I adjusted the schema to match the API data structure and ensured the data was accurately displayed in the frontend.This exercise helped me gain practical experience in API integration , data migration and schema validation ,which are essential skills for buildings scalable marketplace.

TASK	Status
API Understanding	☑
Schema Validation	☑
Data Migration	☑
API Integration in Next.js	☑
Submission Preparation	☑



```ts
export default {
  name: 'product',
  type: 'document',
  title: 'Product',
  fields: [
    {
      name: 'name',
      type: 'string',
      title: 'Name',
      validation: (Rule: any) => Rule.required().error('Name is required'),
    },
    {
      name: 'image',
      type: 'image',
      title: 'Image',
      options: {
        hotspot: true,
      },
      description: 'Upload an image of the product.',
    },
    {
      name: 'price',
      type: 'string',
      title: 'Price',
      validation: (Rule: any) => Rule.required().error('Price is required'),
    },
    {
      name: 'description',
      type: 'text',
      title: 'Description',
      validation: (Rule: any) =>
        Rule.max(150).warning('Keep the description under 150 characters.'),
```



- Luxury Flower Shell Sofa Chair
- Cantilever Chair
- Nordic Net Red Chair
- Sobuy Blue Folding Chair Wooden Padded
- Varmora Plastic Chair Solid
- Matilda Velvet Chair – Pink
- Diondre Chair - Tuft Button - Acrylic Legs
- Leisure Sofa Chair Set
- Liberty Wood 63' Floating Entertainment...
- Futuristic Sleek Modern Chair
- Replica Hans Wegner Wishbone Chair
- Alpha Chair – Solid Ebonised Oak
- Cozy Armchair
- High Quality Modern Customized Plastic ...
- Nautilus Lounge Chair
- Rapson Thirty-Nine Guest Chair
- Hans Wegner Style Three-Legged Shell C...
- Stylish Golden Metal Legs Mint Blue Fabr...
- Uchiwa Quilted Lounge Chair
- Armchair Tortuga
- Tribù Elio Chair

What's new
Sanity Create Content Mapping, Visual Editing,

Rapson Thirty-Nine Guest Chair

Product

Rapson Thirty-Nine Guest Chair

Name

Rapson Thirty-Nine Guest Chair

Image

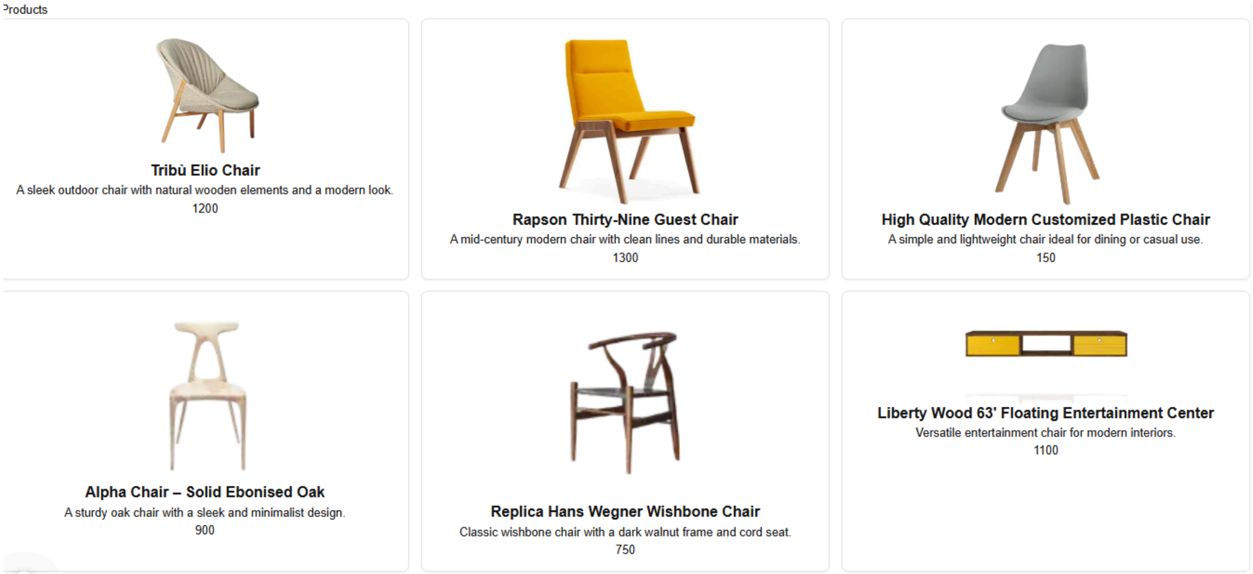
Upload an image of the product.

Price

1300

Description

A mid-century modern chair with clean lines and durable materials.



Products

Tribù Elio Chair
A sleek outdoor chair with natural wooden elements and a modern look.
1200

Rapson Thirty-Nine Guest Chair
A mid-century modern chair with clean lines and durable materials.
1300

High Quality Modern Customized Plastic Chair
A simple and lightweight chair ideal for dining or casual use.
150

Alpha Chair – Solid Ebonised Oak
A sturdy oak chair with a sleek and minimalist design.
900

Replica Hans Wegner Wishbone Chair
Classic wishbone chair with a dark walnut frame and cord seat.
750

Liberty Wood 63' Floating Entertainment Center
Versatile entertainment chair for modern interiors.
1100