

DAY 3 - API INTEGRATION AND DATA MIGRATION

1. Sanity CMS Setup

- Created an account on Sanity.
- Set up a new project for data management.

2. API Understanding & Schema Validation

- Reviewed provided API documentation.
- Compared API data structure with Sanity schemas.
- Adjusted schema fields for compatibility.

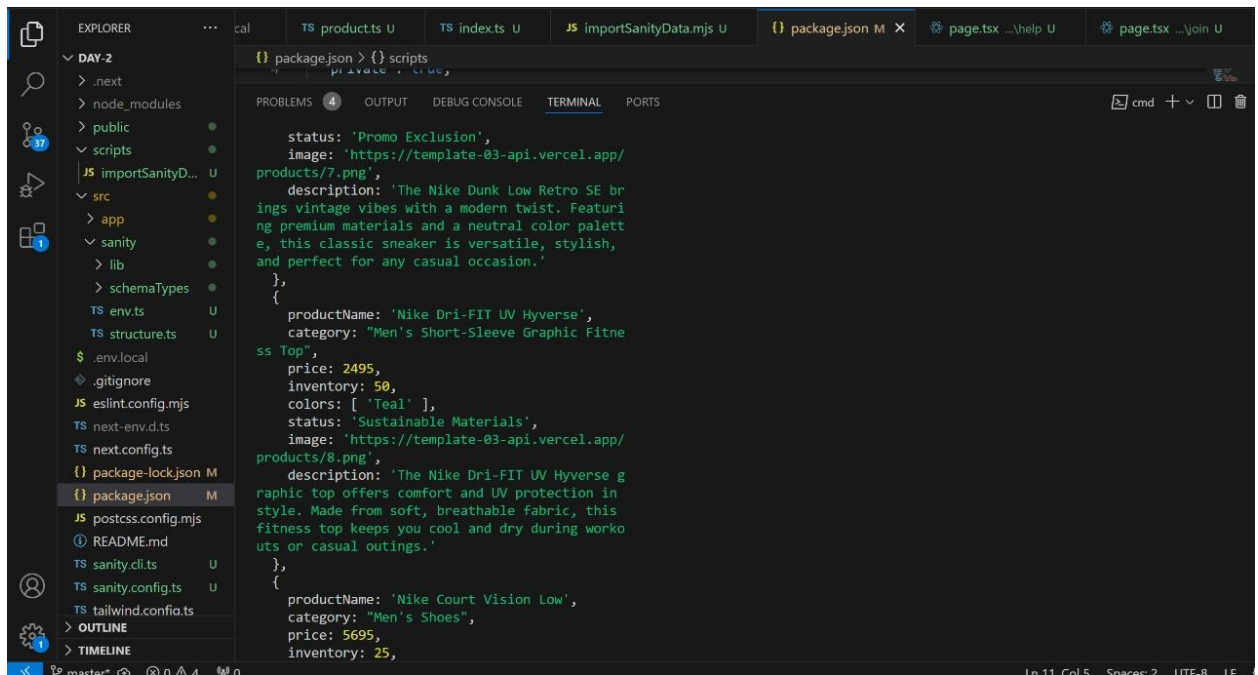
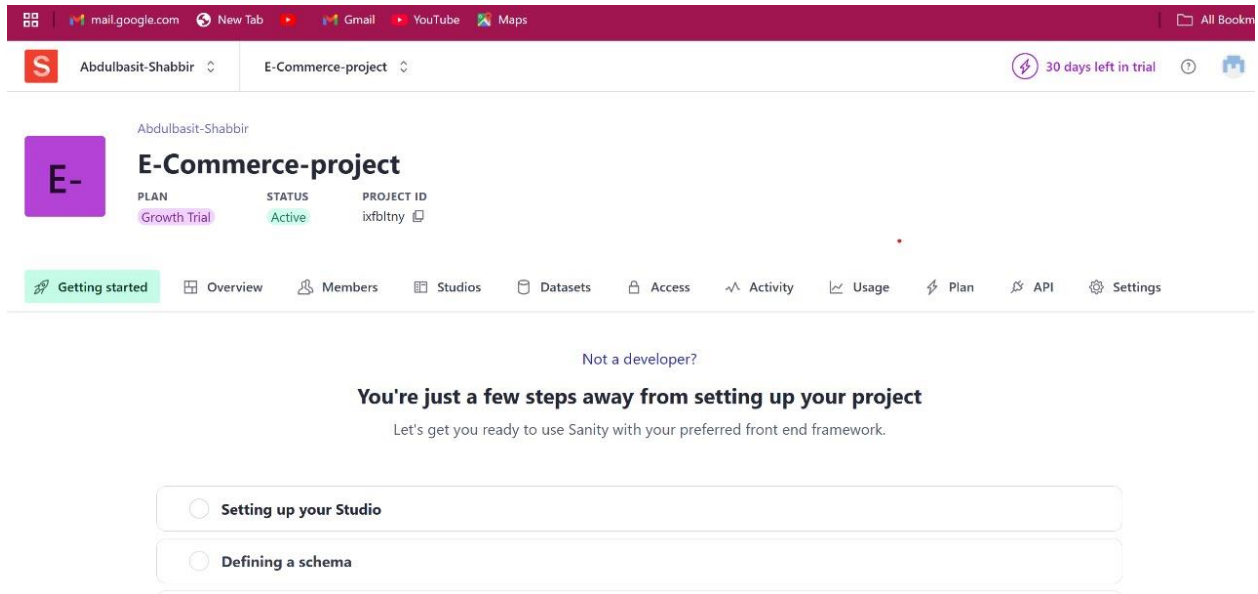
3. Data Migration

- Fetched data from API.
- Used migration scripts to import data into Sanity CMS.
- Verified data integrity in Sanity.

4. API Integration in Next.js

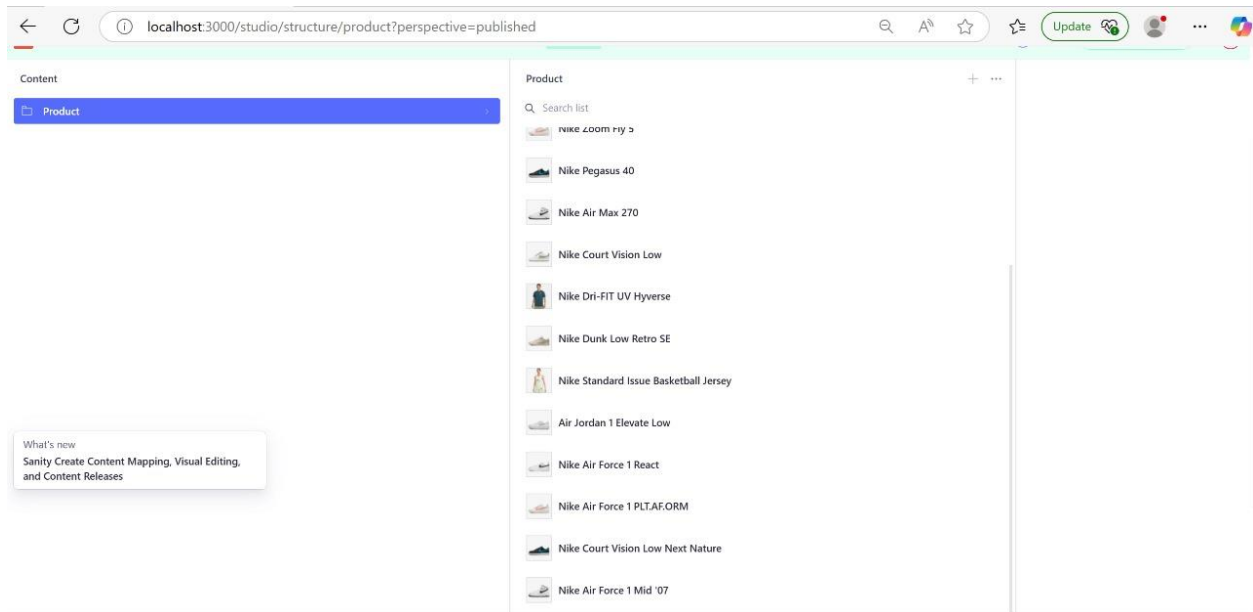
- Integrated API endpoints for product listings and categories.
- Rendered API data in the frontend.
- Implemented error handling for better stability.

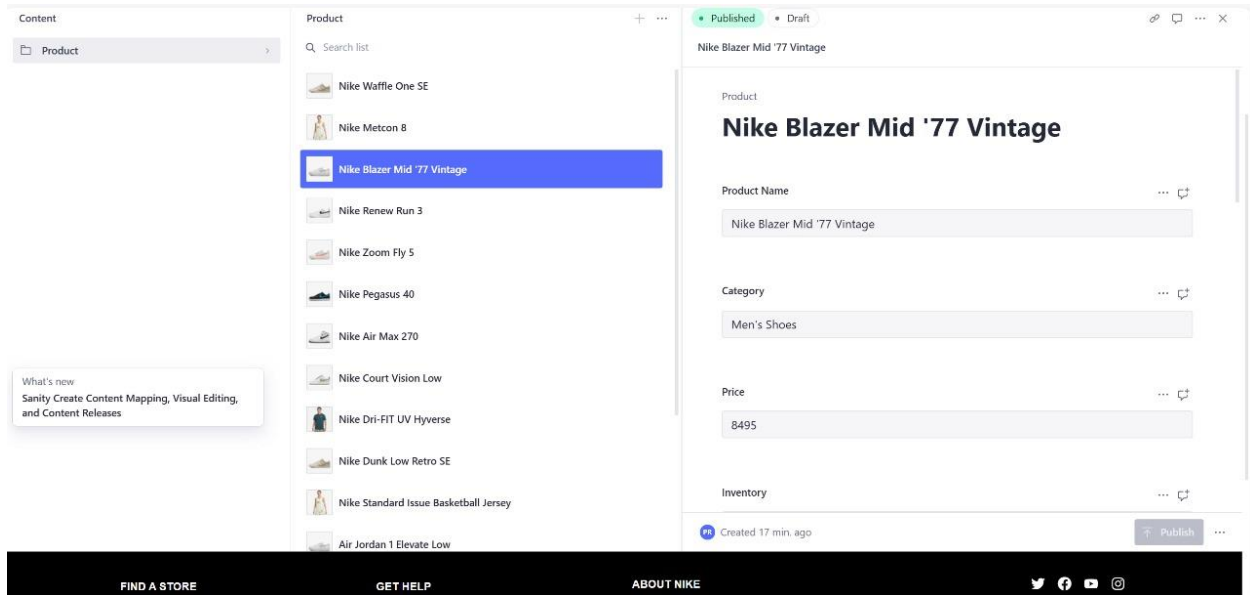
Screenshots & Code Snippets:



```
{} package.json > {} scripts
  private: true,
  > Debug
  "scripts": {
    5     "dev": "next dev",
    6     "build": "next build",
    7     "start": "next start",
    8     "lint": "next lint",
    9     "import-data": "node scripts/importSanityData.mjs"
   10  },
   11  },
   12  "dependencies": {
   13  }
```

Uploading image: https://template-03-api.vercel.app/products/1.png
Image uploaded successfully: image-d5ee6135e220e7c0de63e4b91159ff788e27757d-348x348-png
Uploading image: https://template-03-api.vercel.app/products/2.png
Image uploaded successfully: image-60e748f5cba33ea20ba46215a8f396bf61e9c8ae-348x348-png
Uploading image: https://template-03-api.vercel.app/products/3.png
Image uploaded successfully: image-257e162393cc8f3486965fd649496e3ef9fe23be-348x348-png
Uploading image: https://template-03-api.vercel.app/products/4.png
Image uploaded successfully: image-611df72a5b65db2f78d3119889a742c134480265-348x348-png
Uploading image: https://template-03-api.vercel.app/products/5.png
Image uploaded successfully: image-46998b7aa7bbf7d305755b2964da5bf167434d40-348x348-png
Uploading image: https://template-03-api.vercel.app/products/6.png
Image uploaded successfully: image-0618b5440becd53aced91c6de2bd3c84757be8d1-348x348-png
Uploading image: https://template-03-api.vercel.app/products/7.png
Image uploaded successfully: image-b039b2d23e832f1d29375236a80f613bc011dbc3-348x348-png
Data migrated successfully!





Conclusion:

Successfully migrated data and integrated APIs into Next.js, functional marketplace backend with Sanity CMS.