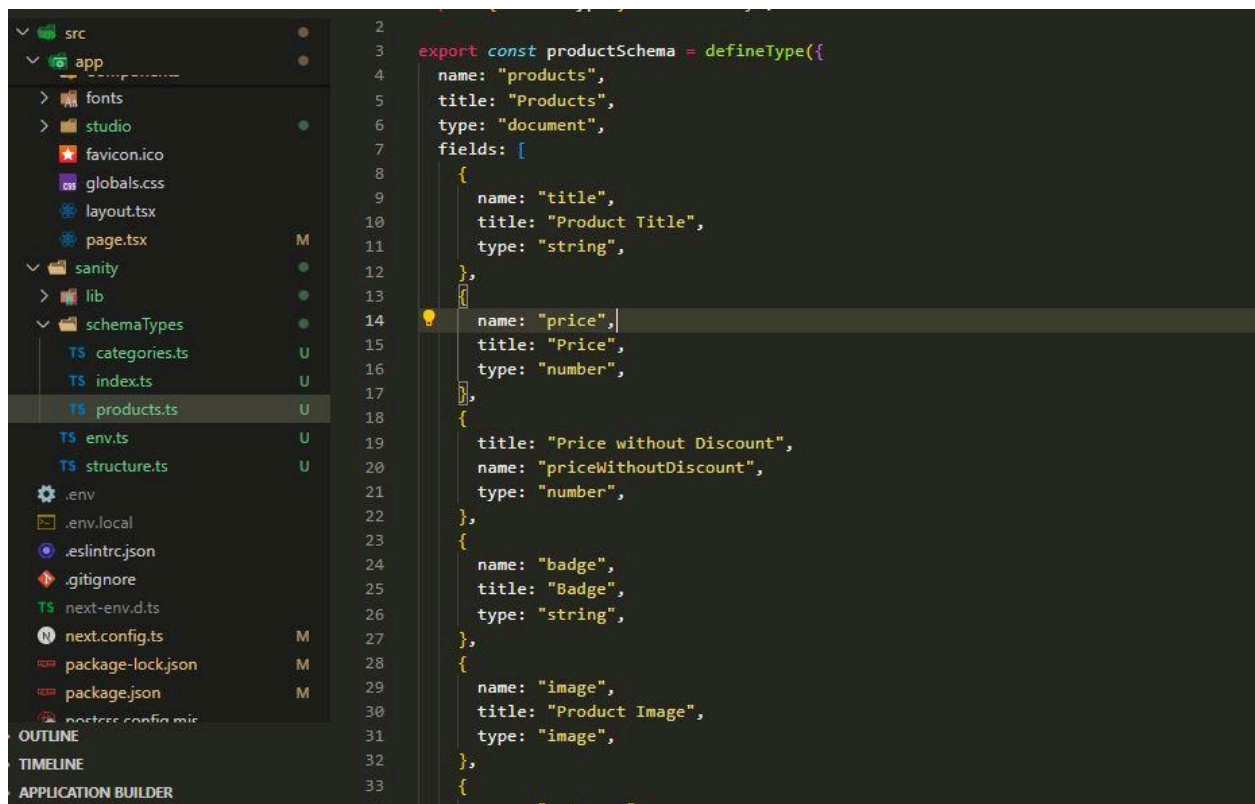


DAY 3 - API INTEGRATION REPORT - [FurnitureBazaar]

1- API integration process.

2- Adjustments made to schemas.

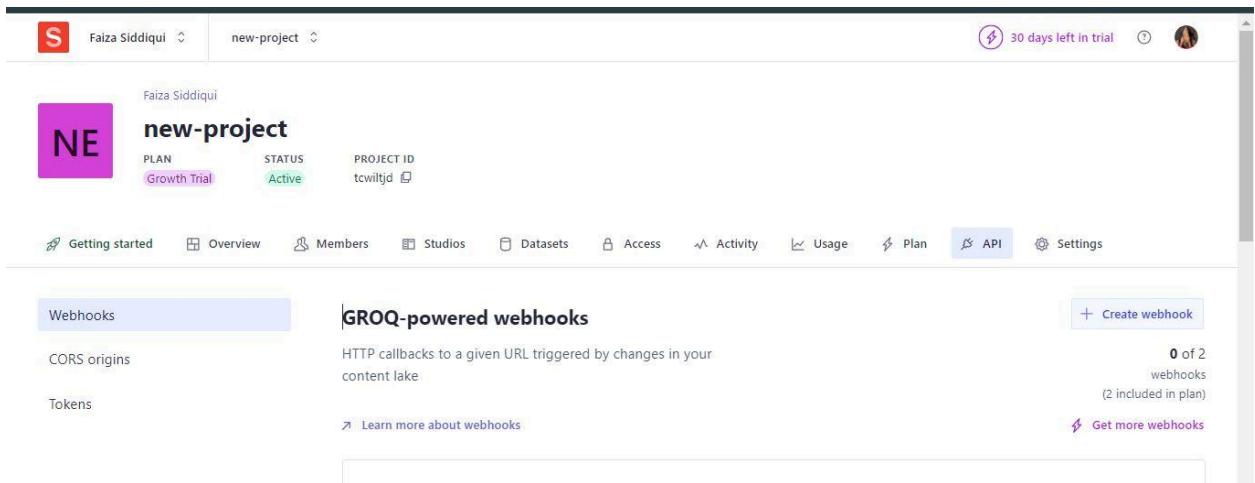
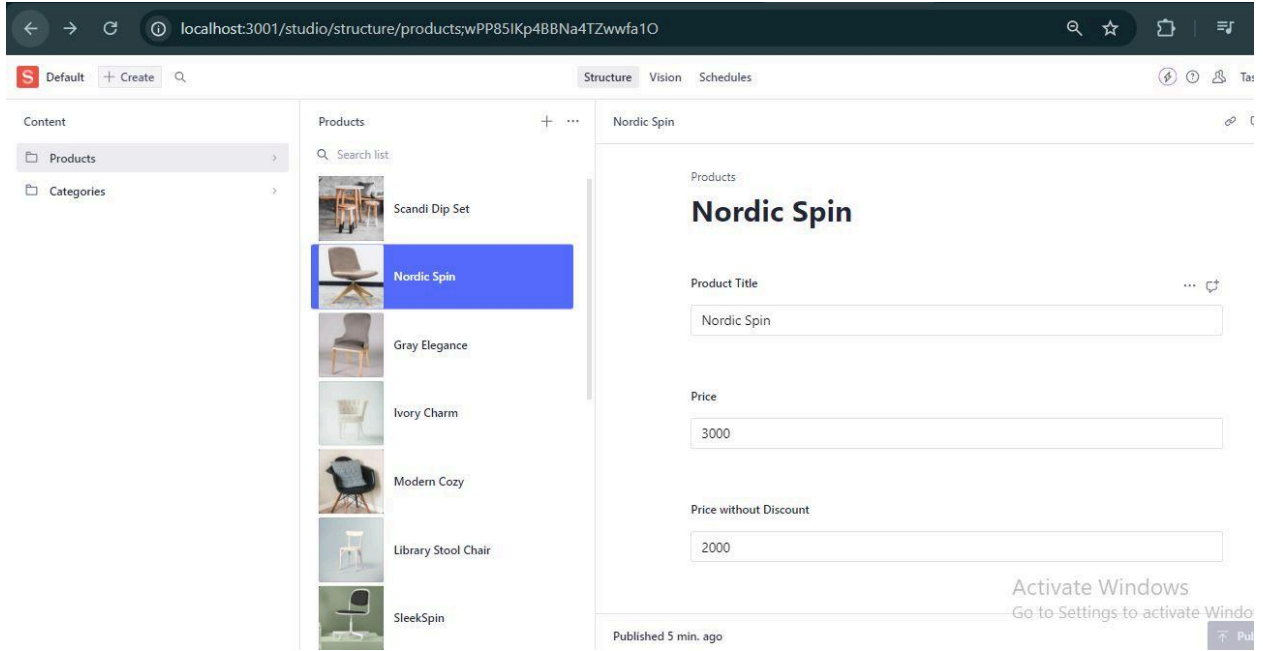
We started by defining the schema for the product data in Sanity. This included fields like title, description, price, image, tags, etc. The schema was crucial to structure the data in a consistent and retrievable format.



3- Migration steps and tools used.

The Sanity Command Line Interface (CLI) was used extensively for managing the project, including importing data and managing datasets.

Sanity Studio: The **Sanity Studio** was used to visually verify and manage the data. It provided an intuitive interface to check the structure and content of the imported products.



```
2  "name": "my-portfolio-custom-css",
3  "version": "0.1.0",
4  "private": true,
5  "type": "module",
6  "scripts": {
7    "dev": "next dev",
8    "build": "next build",
9    "start": "next start",
10   "lint": "next lint",
11   "migrate": "node scripts/migrate.mjs"
12 },
13 "dependencies": {
14   "@sanity/client": "^6.25.0",
15   "@sanity/image-url": "^1.1.0",
```

```
2  import "dotenv/config";
3
4  // Import the Sanity client to interact with the Sanity backend
5  import { createClient } from "@sanity/client";
6
7  // Load required environment variables
8  const {
9    NEXT_PUBLIC_SANITY_PROJECT_ID, // Sanity project ID
10   NEXT_PUBLIC_SANITY_DATASET, // Sanity dataset (e.g., "production")
11   NEXT_PUBLIC_SANITY_AUTH_TOKEN, // Sanity API token
12   BASE_URL = "https://giaic-hackathon-template-08.vercel.app", // API base URL for products and categories
13 } = process.env;
14
15 // Check if the required environment variables are provided
16 if (!NEXT_PUBLIC_SANITY_PROJECT_ID || !NEXT_PUBLIC_SANITY_AUTH_TOKEN) {
17   console.error("Missing required environment variables. Please check your .env.local file.");
18   process.exit(1); // Stop execution if variables are missing
19 }
20
21 // Create a Sanity client instance to interact with the target Sanity dataset
22 const targetClient = createClient({
23   projectId: NEXT_PUBLIC_SANITY_PROJECT_ID, // Your Sanity project ID
24   dataset: NEXT_PUBLIC_SANITY_DATASET || "production", // Default to "production" if not set
25   useCdn: false, // Disable CDN for real-time updates
26   apiVersion: "2023-01-01", // Sanity API version
27   token: NEXT_PUBLIC_SANITY_AUTH_TOKEN, // API token for authentication
28 });
29
30 // Function to upload an image to Sanity
31 async function uploadImageToSanity(imageUrl) {
32   try {
33     // Fetch the image from the provided URL
```

