Today, I successfully wrapped up the
Day 3 challenge for the Hackathon!
"I followed the process step by step. First, I installed Sanity using Template 6. Then, I added the schema file, which was product.ts. I imported this into the index.ts file. After that, I created a folder for scripts and made a file called importData.js. I also made changes to the package.json file, ran the command, and the product data was fetched. I have sent each image showing the implementation
My Process:

1️⃣ Understanding the API:

I began by diving deep into the provided API documentation for Template 2, focusing on endpoints like /products and /categories. This helped me understand the structure and type of data available.

2️⃣ Schema Validation:

Next, I explored and reviewed the Sanity schemas for product and category from the GitHub repository. This step was crucial to ensure the API data aligned with the predefined schema.

3️⃣ Data Migration:

Option Chosen: I decided to write scripts to fetch and transform the data directly from the API. Using the migration script as a reference, I customized it to import data into Sanity CMS seamlessly.

Validated every piece of data to maintain accuracy and ensure the schema's integrity.

4️⃣ API Integration in Next.js:

I created utility functions to fetch data from the API and rendered it in React components dynamically.

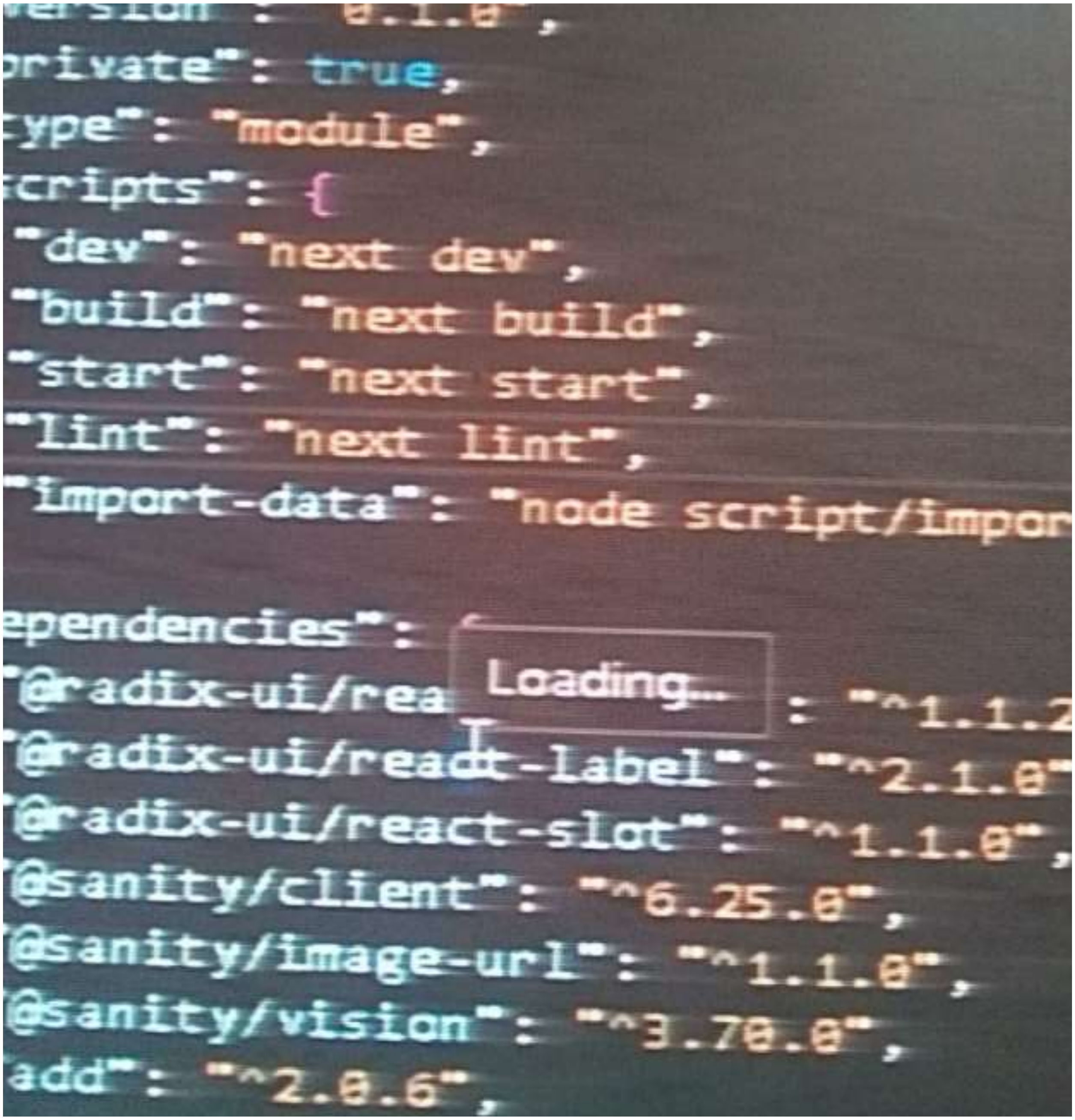
Focused on error handling by implementing skeleton loaders and fallback messages for a smooth user experience.

Key Learning Outcomes:

✔️ API Integration in Next.js: Learned to build robust utility functions and render data in real-time.

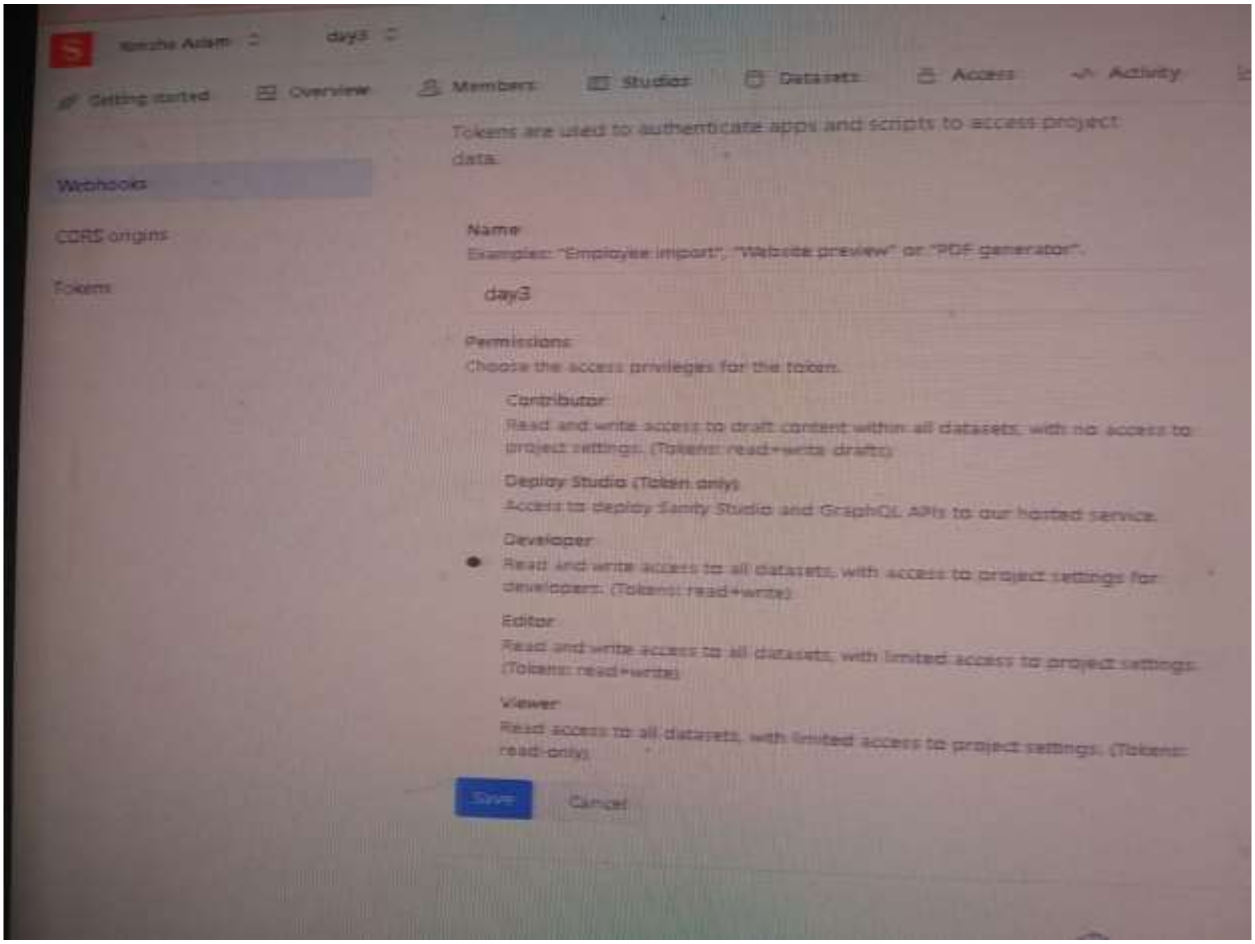
✔️ Schema Validation & Data Migration: Gained hands-on experience in migrating

PAKAGE JSON FILE CHANINGING



```
ersion": "0.1.0",
rivate": true,
ype": "module",
cripts": {
 "dev": "next dev",
 "build": "next build",
 "start": "next start",
 "lint": "next lint",
 "import-data": "node script/impor

ependencies": {
 "@radix-ui/rea                : "^1.1.2
 "@radix-ui/react-label": "^2.1.0"
 "@radix-ui/react-slot": "^1.1.0",
 "@sanity/client": "^6.25.0",
 "@sanity/image-url": "^1.1.0",
 "@sanity/vision": "^3.70.0",
 add": "^2.0.6",
```



Tokens are used to authenticate apps and scripts to access project data.

Name

Examples: "Employee import", "Website preview" or "PDF generator".

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Permissions

Choose the access privileges for the token.

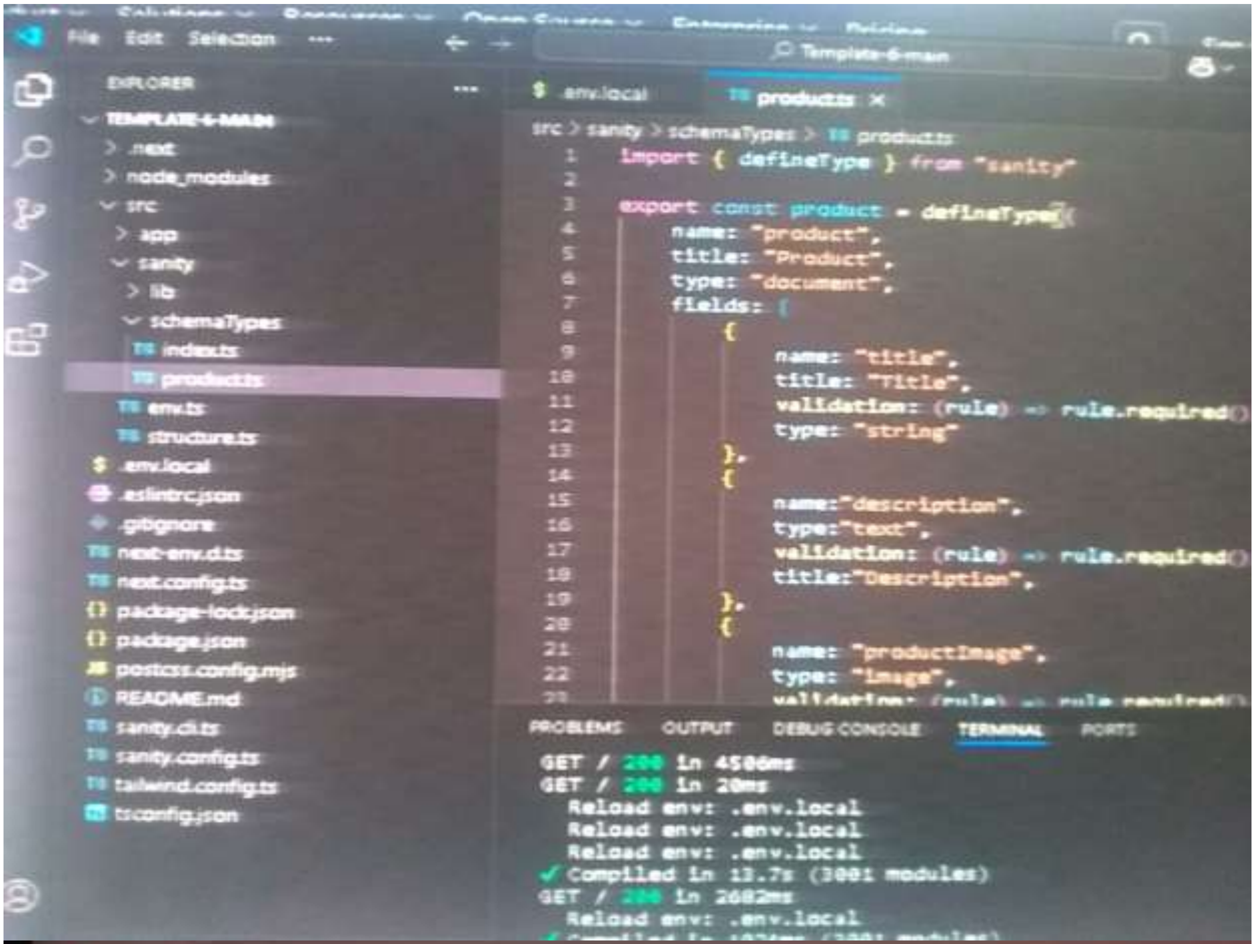
○ Contributor
Read and write access to draft content within all datasets, with no access to project settings. (Tokens: read+write drafts)

○ Deploy Studio (Token only)
Access to deploy Sanity Studio and GraphQL APIs to our hosted service.

● Developer
Read and write access to all datasets, with access to project settings for developers. (Tokens: read+write)

○ Editor
Read and write access to all datasets, with limited access to project settings. (Tokens: read+write)

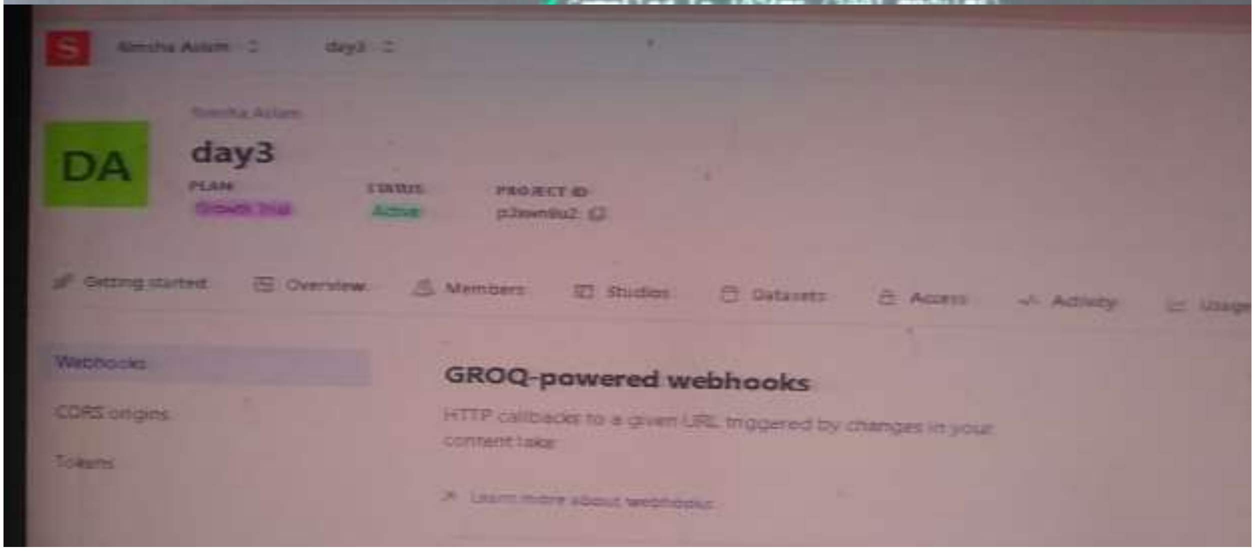
○ Viewer
Read access to all datasets, with limited access to project settings. (Tokens: read-only)



```
import { defineType } from "sanity"

export const product = defineType({
    name: "product",
    title: "Product",
    type: "document",
    fields: [
        {
            name: "title",
            title: "Title",
            validation: (rule) => rule.required()
            type: "string"
        },
        {
            name:"description",
            type:"text",
            validation: (rule) => rule.required()
            title:"Description",
        },
        {
            name: "productImage",
            type: "image",
            validation: (rule) => rule.required()
```

```
GET / 200 in 4506ms
GET / 200 in 20ms
  Reload env: .env.local
  Reload env: .env.local
  Reload env: .env.local
✓ Compiled in 13.7s (3001 modules)
GET / 200 in 2682ms
  Reload env: .env.local
```



Simcha Aslam

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PLAN Growth Trial

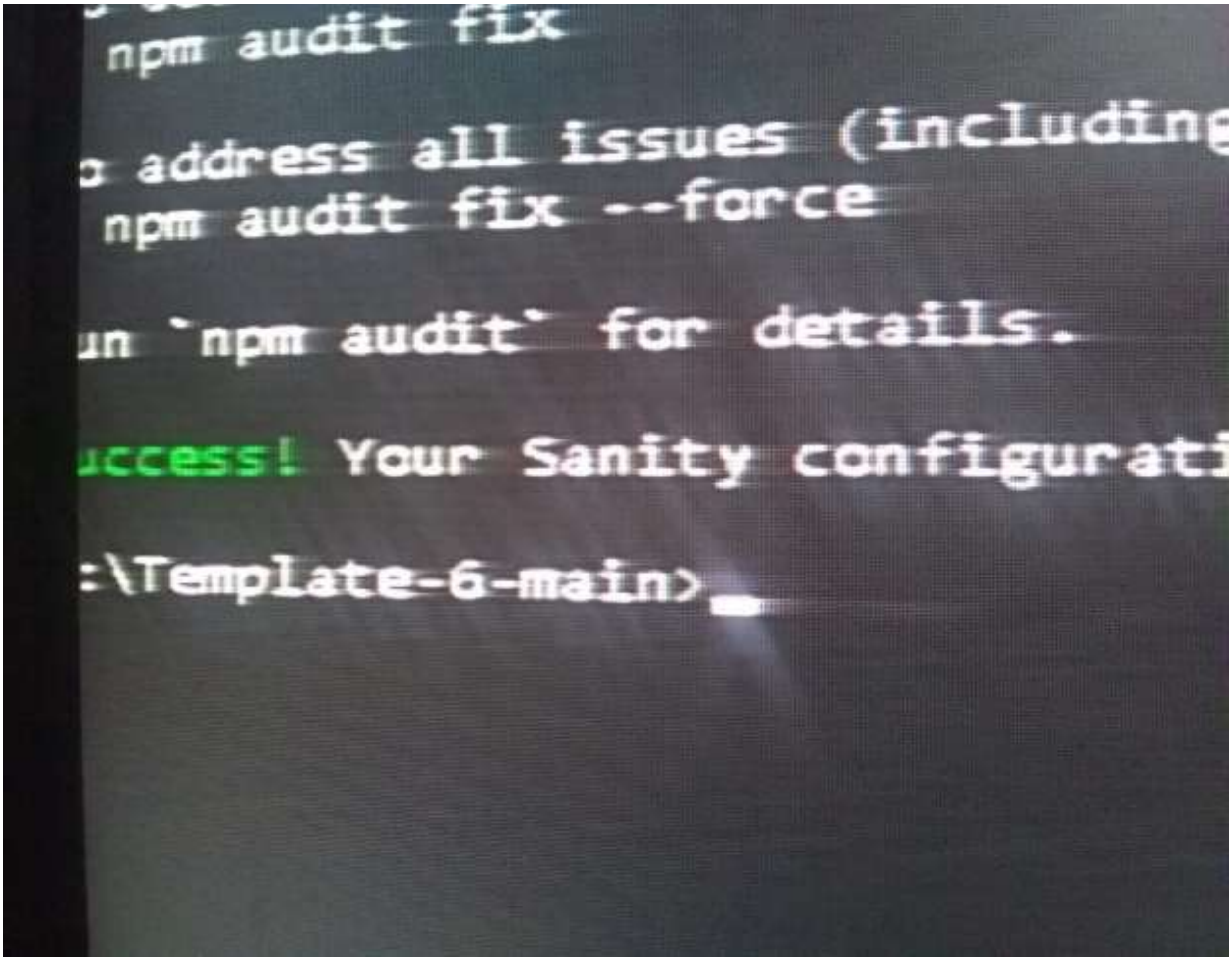
STATUS Active

PROJECT ID p3awn8u2

GROQ-powered webhooks

HTTP callbacks to a given URL triggered by changes in your content lake

Learn more about webhooks



```
  npm audit fix

o address all issues (including
  npm audit fix --force

un `npm audit` for details.

uccess! Your Sanity configurati

:\Template-6-main>
```