HACKATHON 3 DAY 3

API INTEGRATION AND DATA MIGRATION

Document prepared by Karim Buksh

Class Sunday 2 to 5

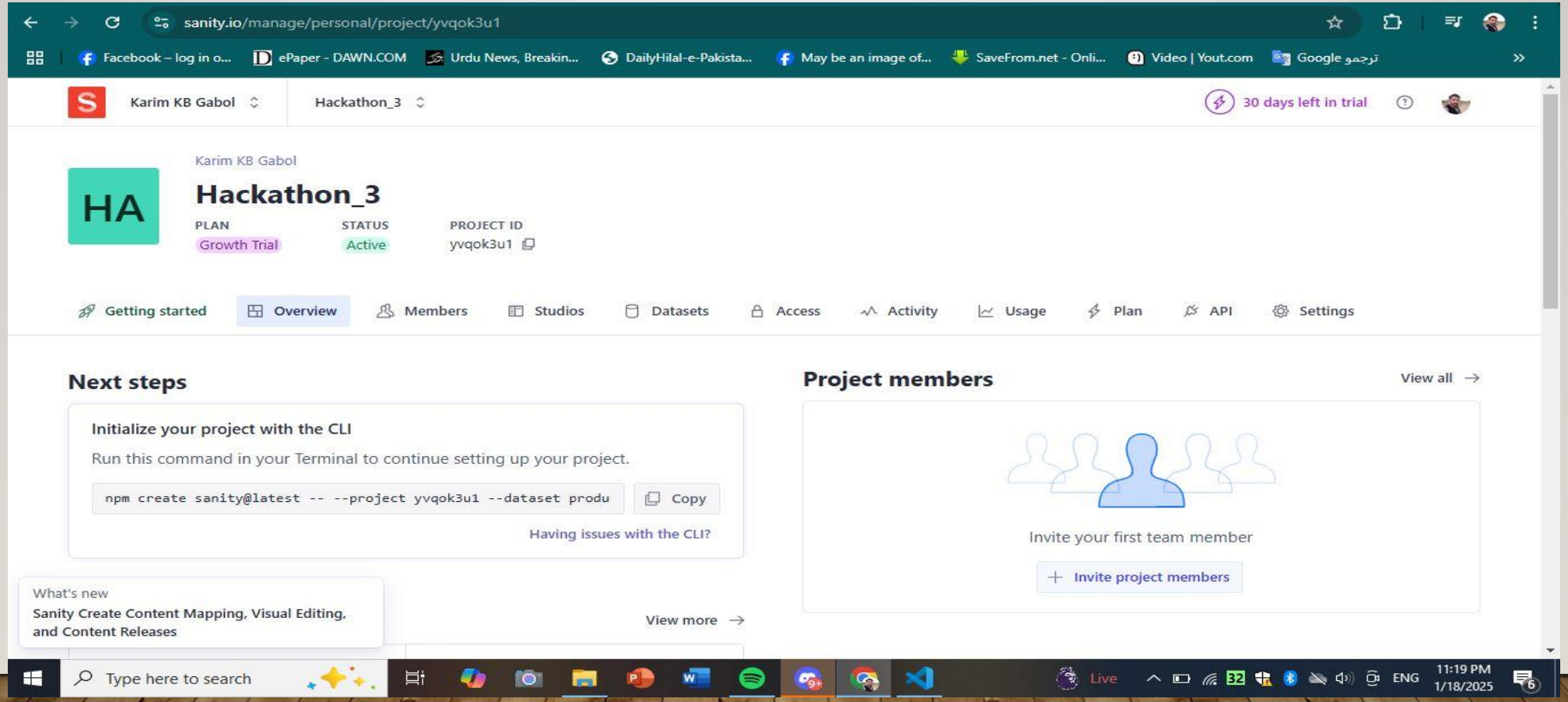
INTRODUCTION

- The task for Day 3 of Hackathon 3 was given by Sir Ameen Alam in a document. The main goal was to integrate APIs and move data into Sanity CMS to create a working marketplace backend. This task showed how to use APIs, transfer data into Sanity CMS, and make sure it works well with my Marketplace Template 2.
- The key steps were:

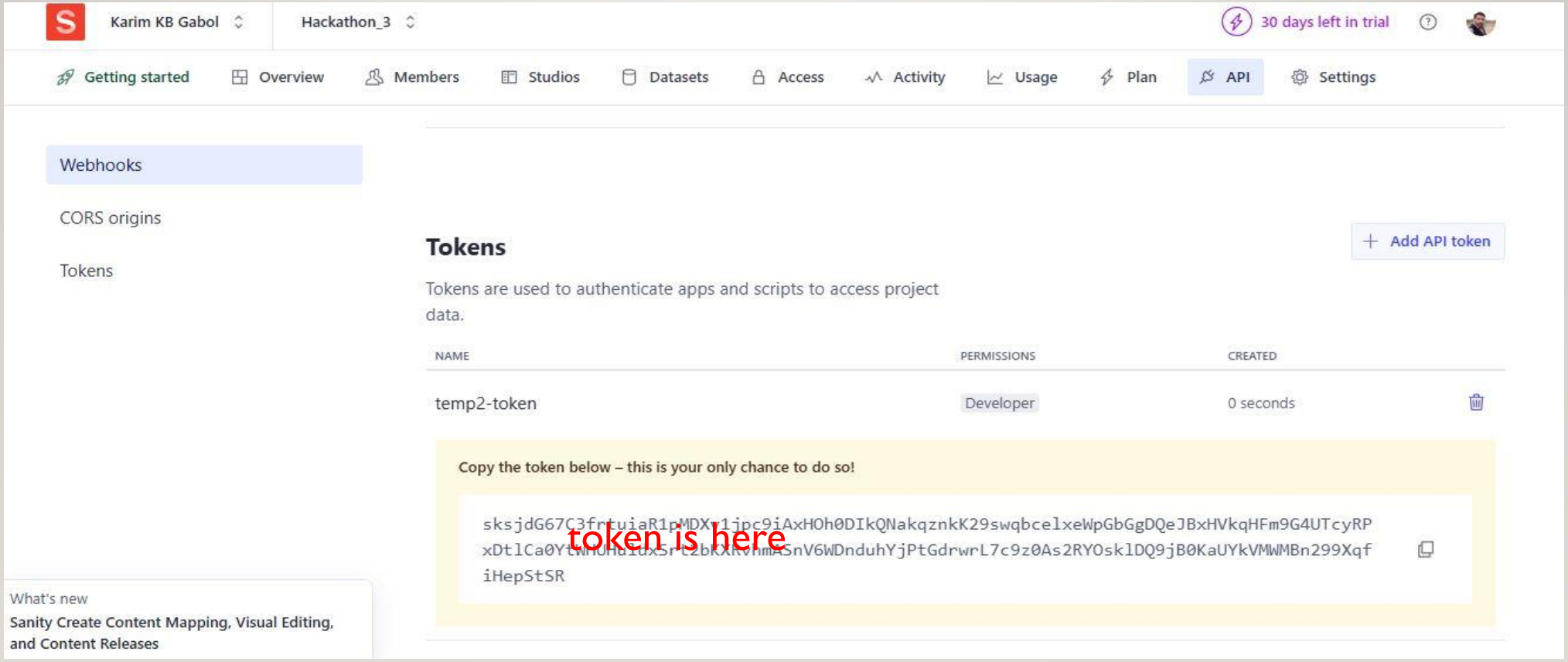
1. Understanding the given API.
2. Checking and fixing the schema.
3. Learning how to move data.
4. Adding the API to Next.js.

- All steps and screenshots are included in the document for reference.

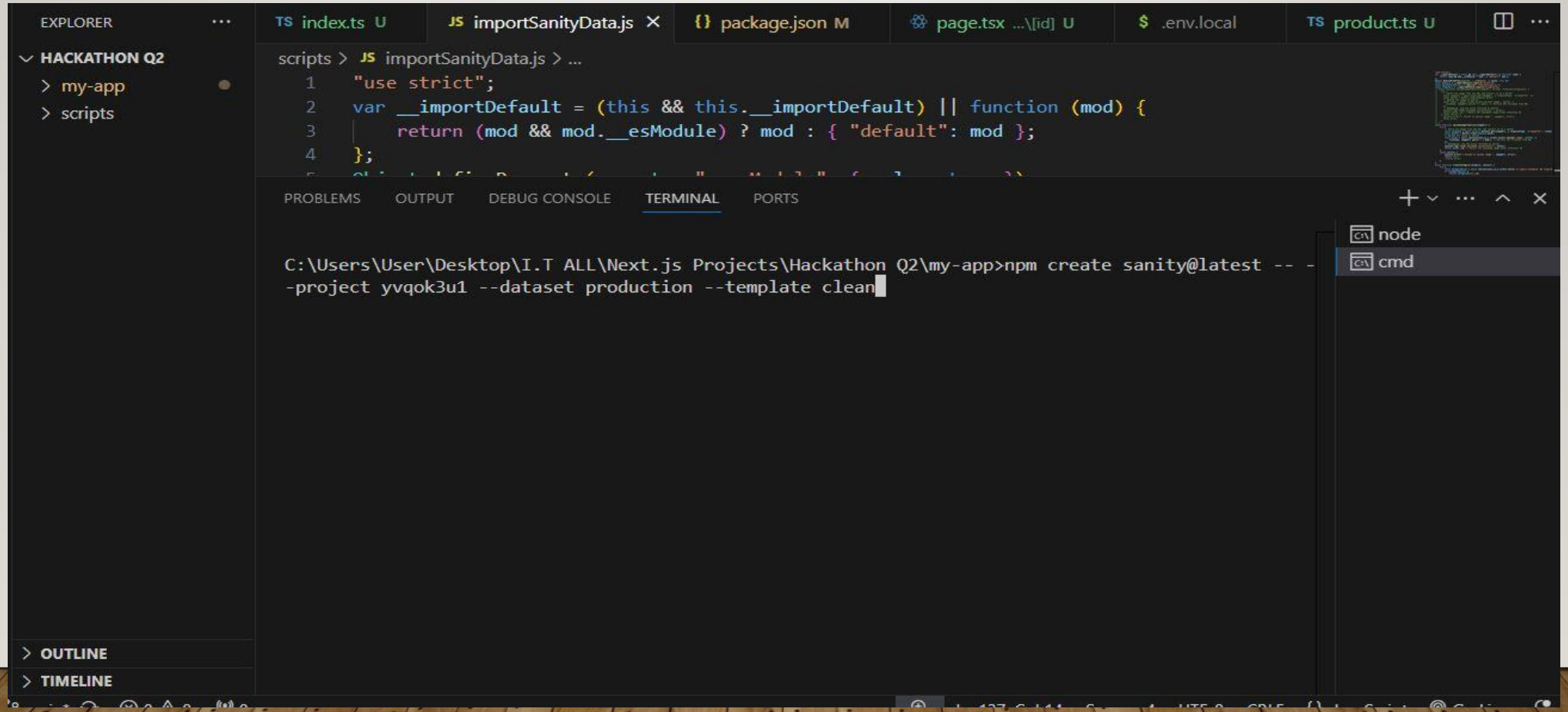
PROJECT CREATED IN SANITY.IO NAMED HACKATHON_3



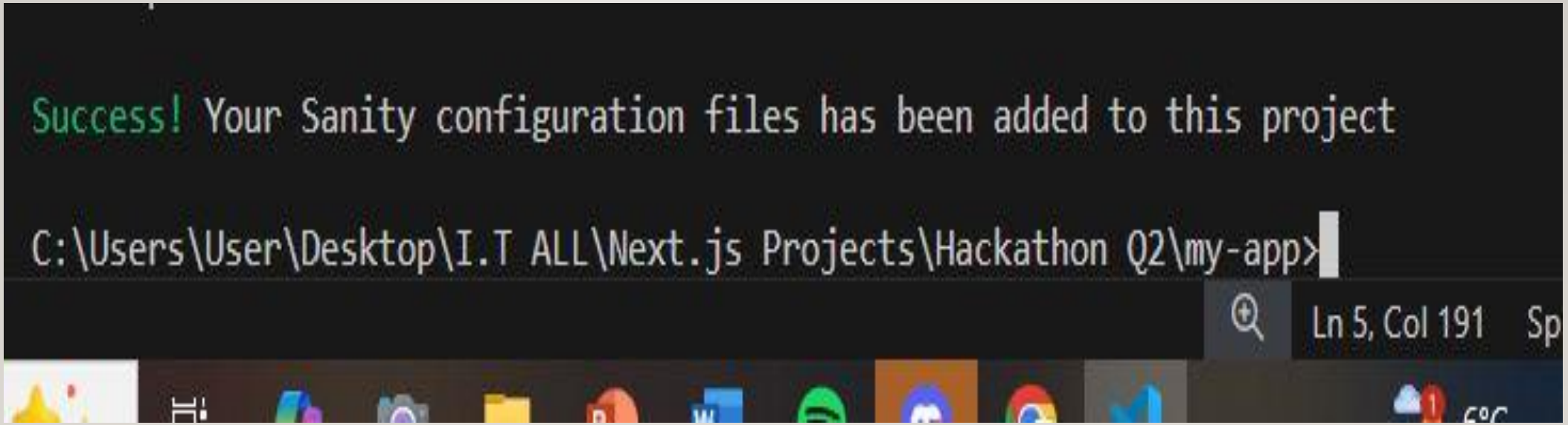
TOKEN GENERATED FOR MY PROJECT IN SANITY/PROJECT/API ➔ TOKENS



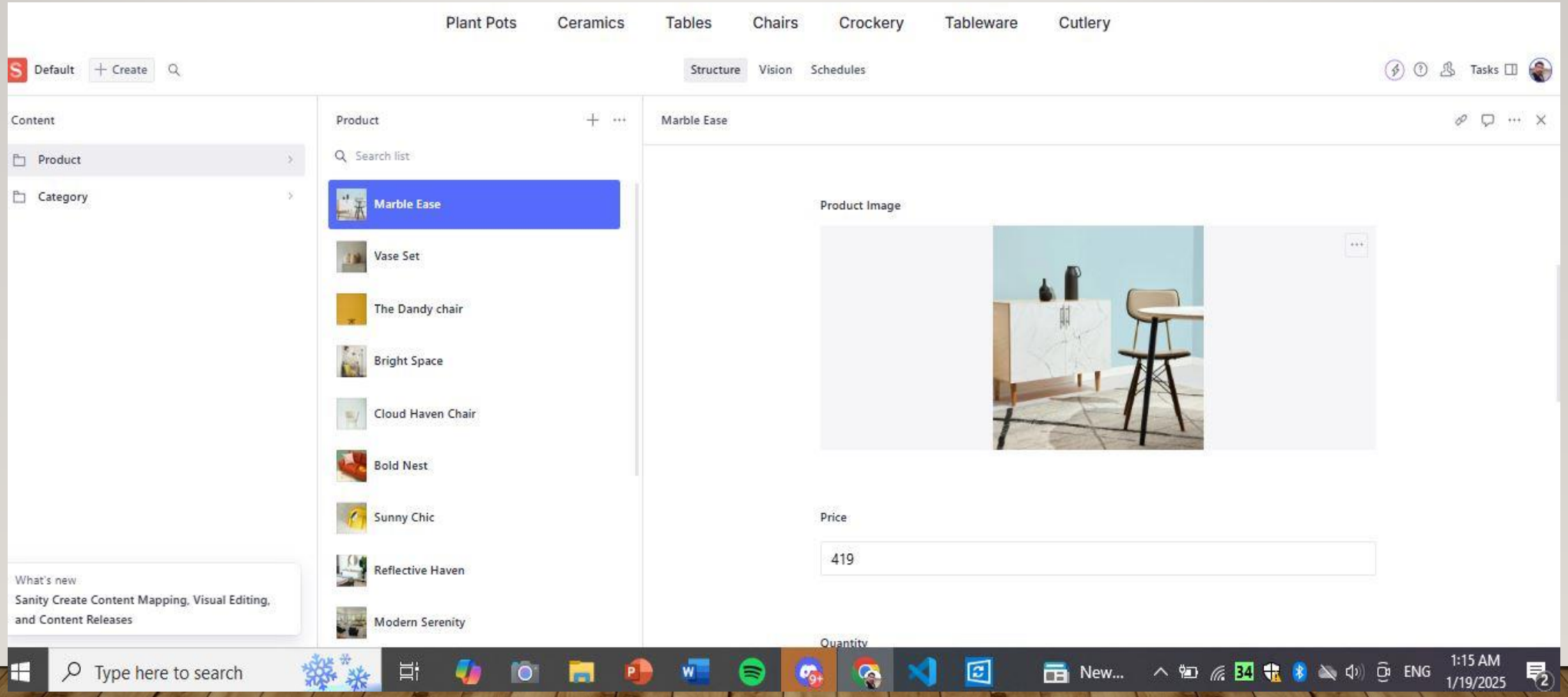
SANITY INSTALL BY GIVING COMMAND IN CMD.



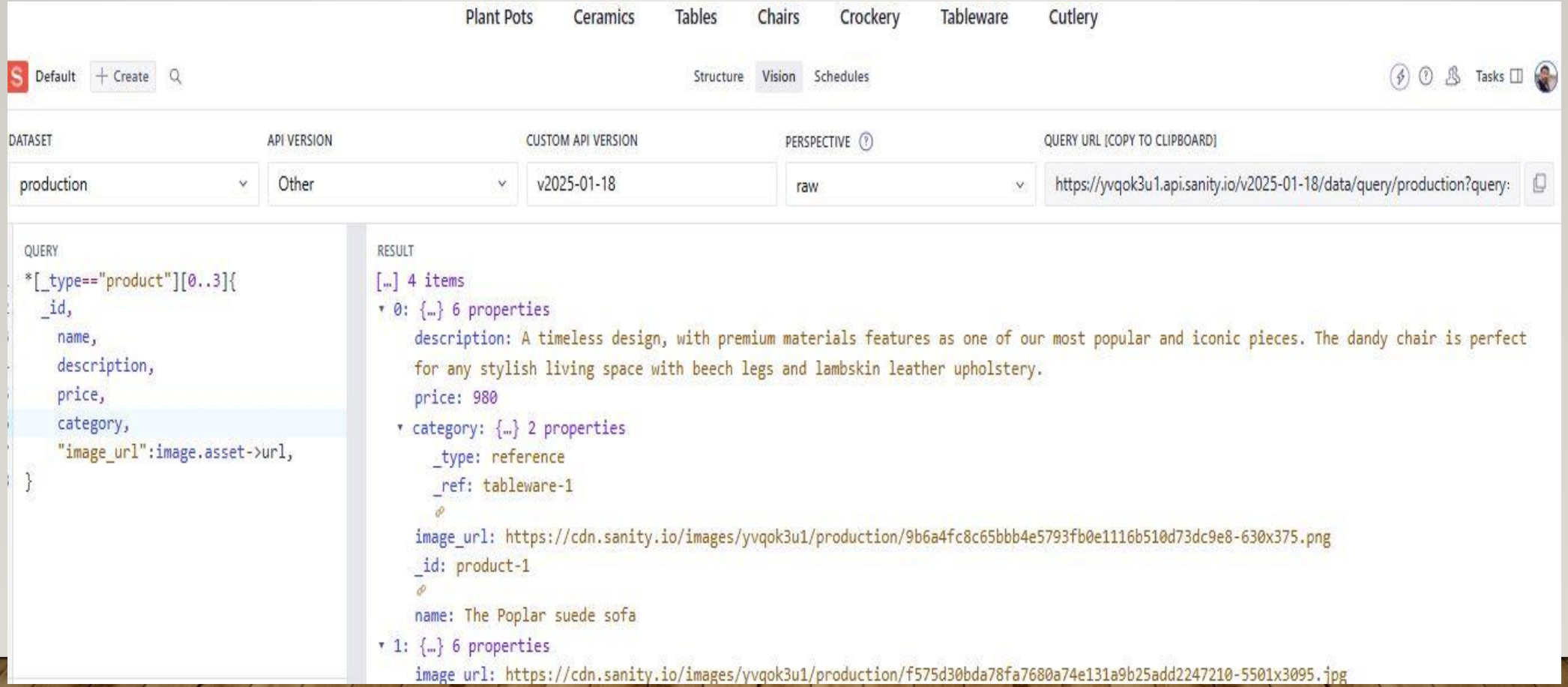
SANITY INSTALLED SUCCESSFULLY IN MY NEXT.JS PROJECT BY GIVING COMMAND IN CMD.



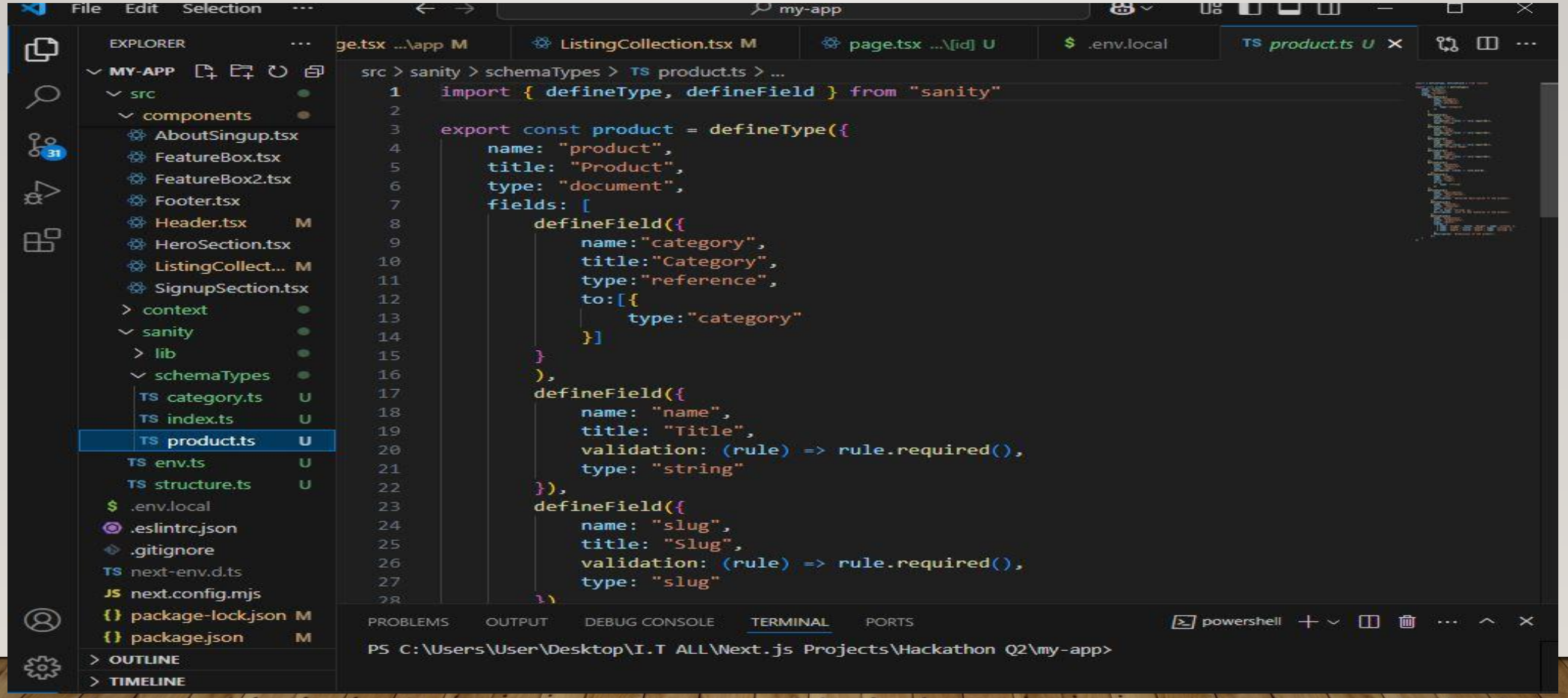
DATA MIGRATED INTO SANITY SUCCESSFULLY.



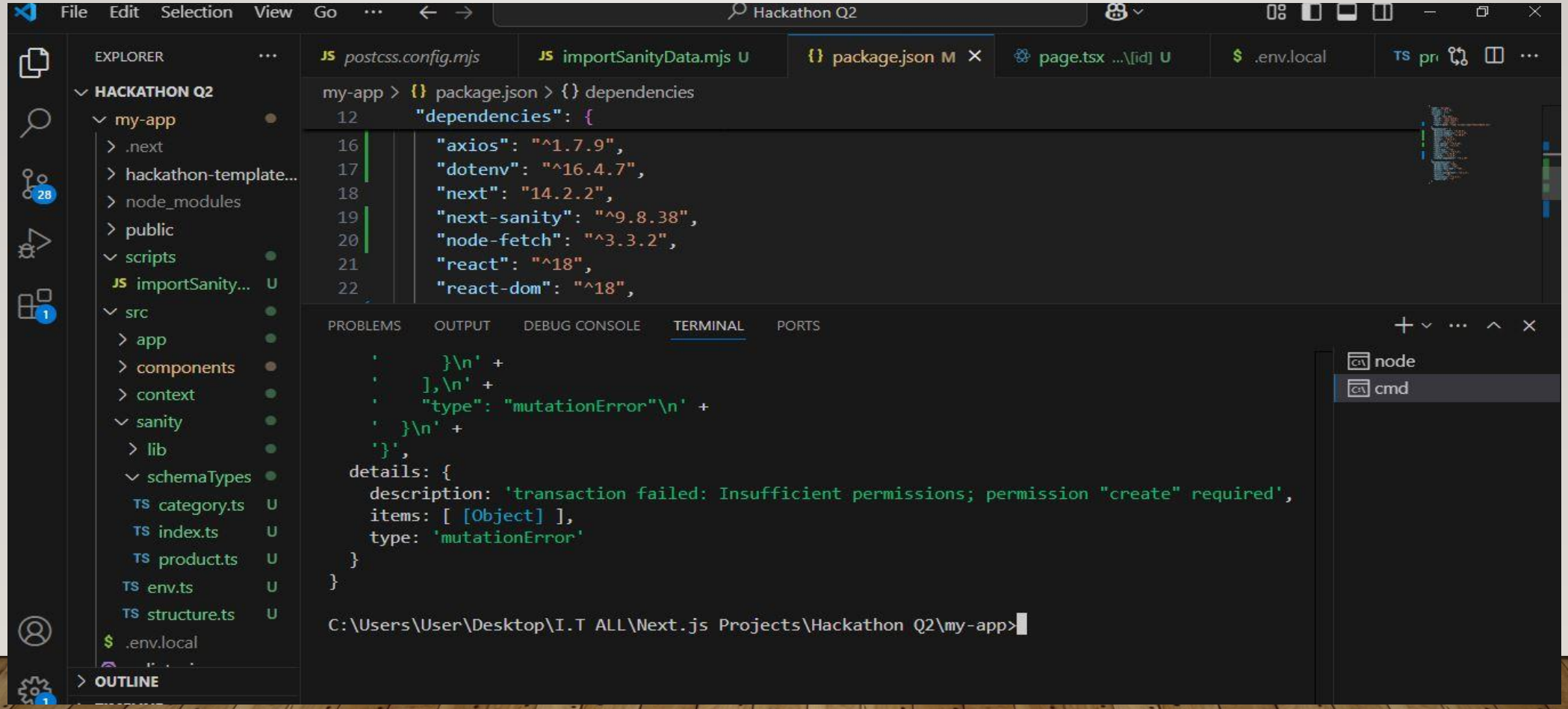
DEFINE QUERY IN SANITY/VISION



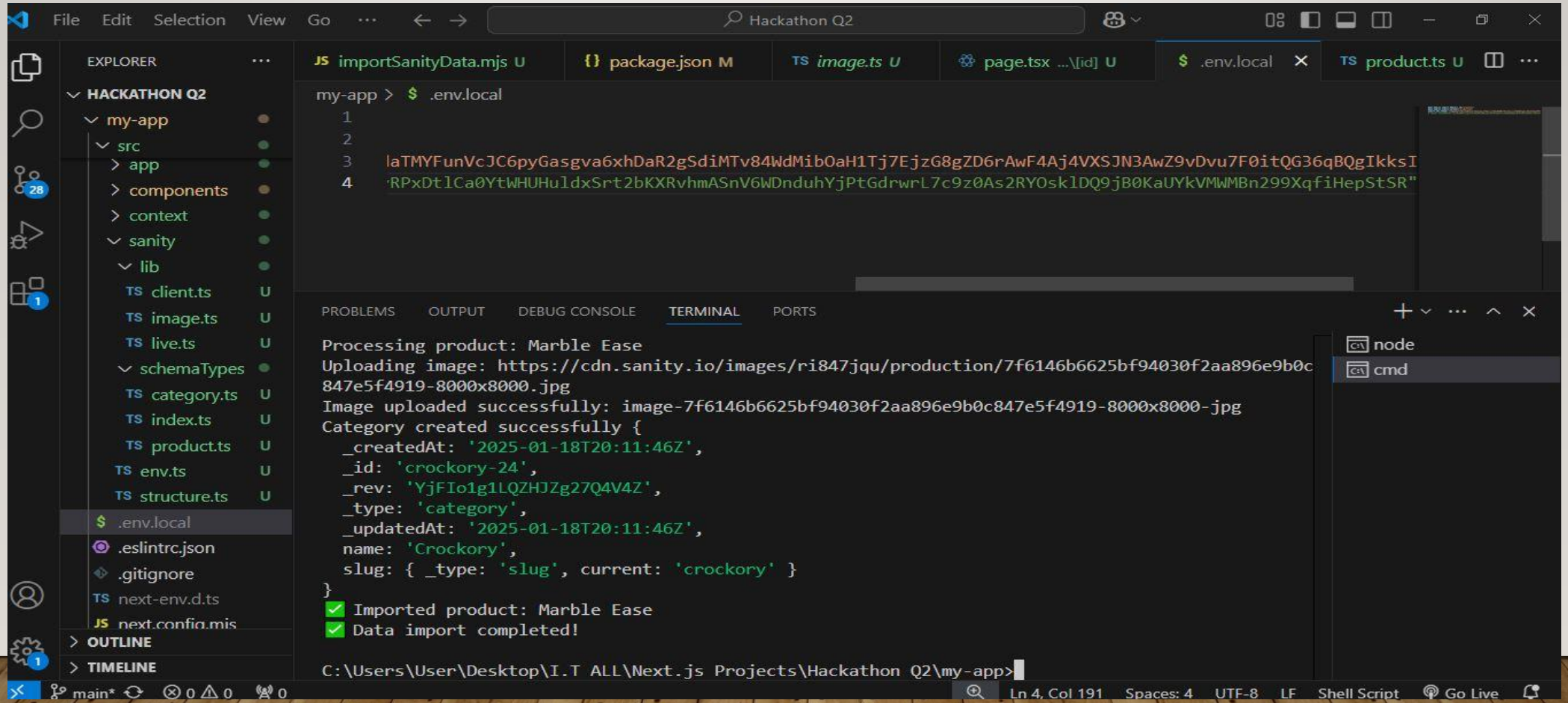
SCHEMA CREATED IN SCHEMA-TYPES



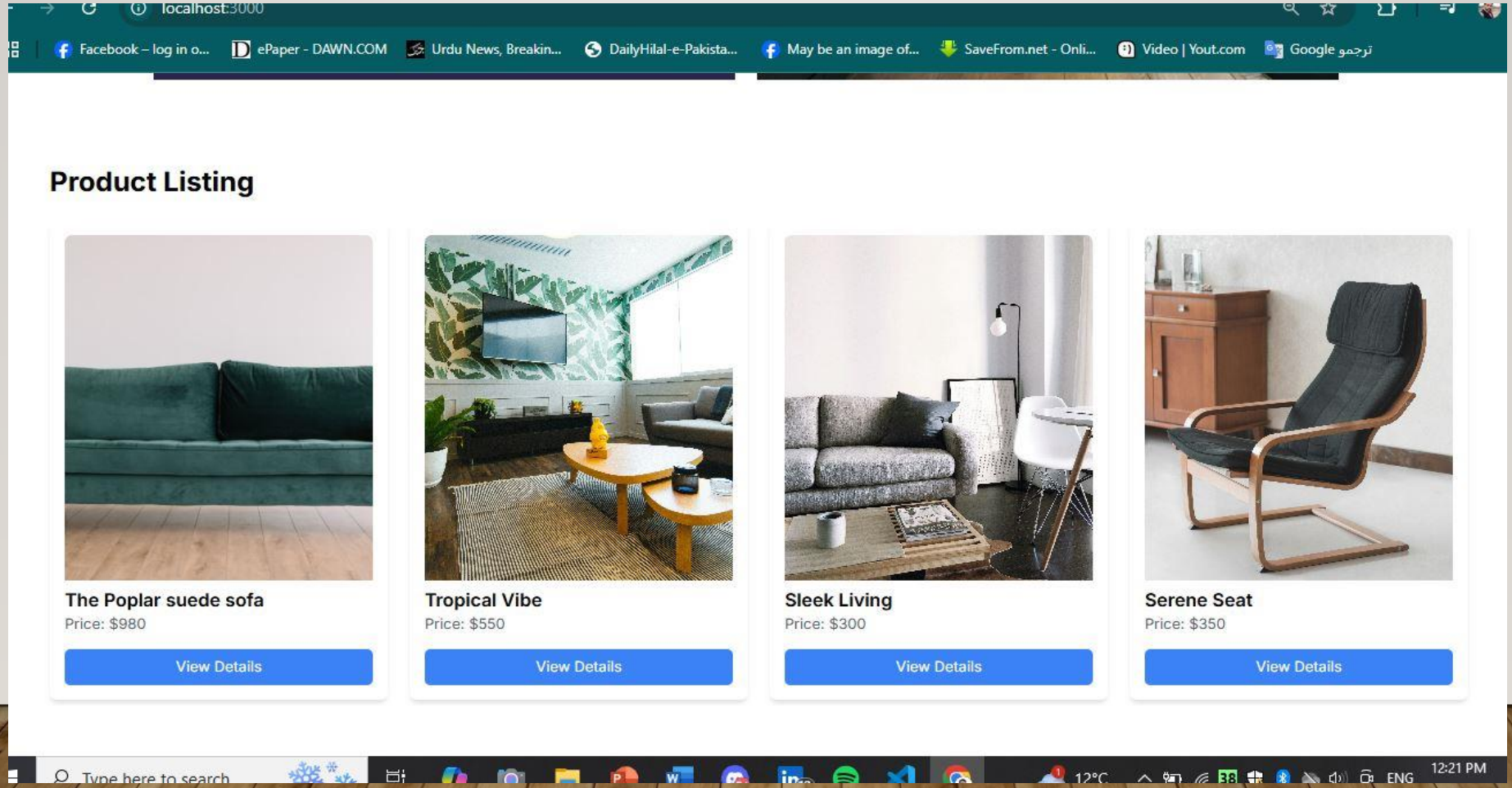
DATA IS IMPORTING FROM SANITY.



DATA IMPORTED COMPLETED SUCCESSFULLY..



DATA FETCHED INTO MY NEXT.JS PROJECT AND RENDERED SUCCESSFULLY.. CONGRATULATIONS…



CONCLUSION

- On Day 3 of the Hackathon, I focused on integrating APIs and migrating data into Sanity CMS to create a functional marketplace backend. This day turned out to be incredibly productive and rewarding. Although the task initially appeared daunting, tackling and resolving numerous errors along the way gave me a deep sense of accomplishment. The challenges not only tested my skills but also enhanced my confidence. Completing the task successfully filled me with immense satisfaction and joy. I am truly enjoying the learning journey each day brings during this hackathon.

DAY 3 CHECKLIST

- **Self-Validation Checklist:**
- **API Understanding: ✓**
- **Schema Validation: ✓**
- **Data Migration: ✓**
- **API Integration in Next.js: ✓**
- **Submission Preparation: ✓**