## **Marketplace Builder Hackathon 2025**

## Day 03 – API Integration & Data Migration

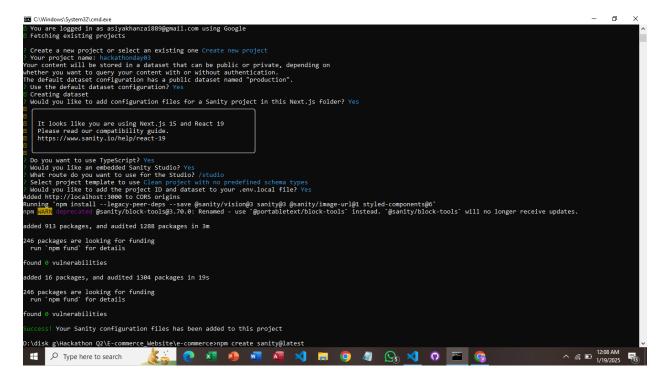
## Here's a Report Document:

- Process of API Integrate.
- Adjustments of made to Schema.
- Migration Step to Step.

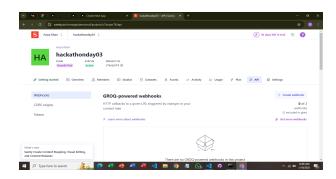
Provided Screenshots of All Procedure Below:

- > Step 1: Make a Next.JS Folder.
- > Step 2: Make a Sanity project through CMD. Run a Command:

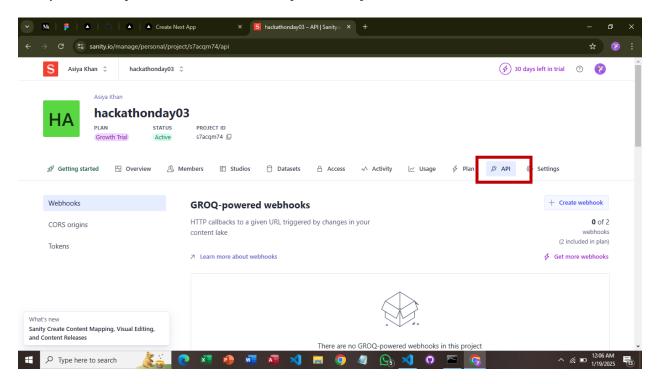
(npm create sanity@latest)



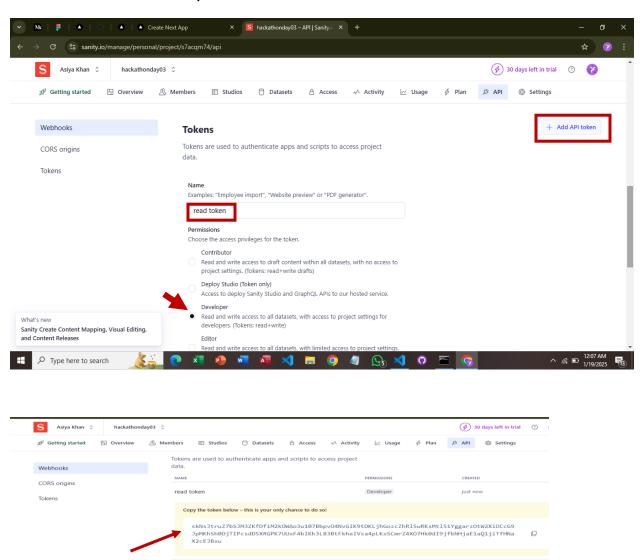
> Step 3: Go to sanity Dashboard here you have your Project.



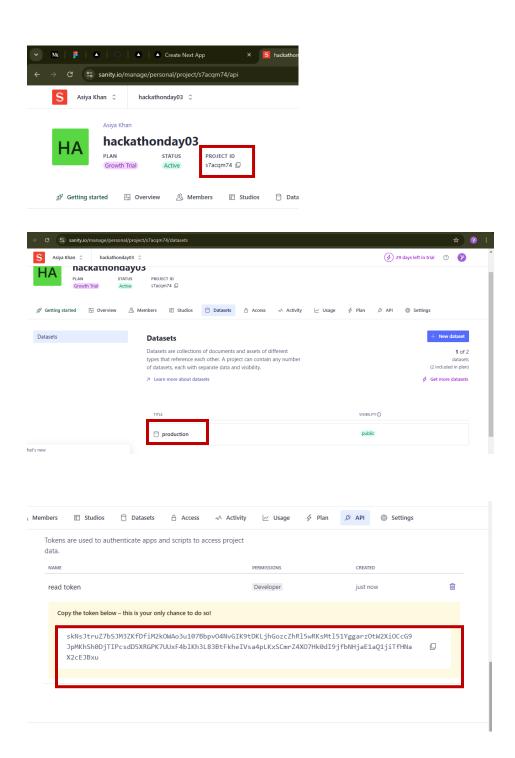
Step 4: Get you API from sanity to set your env file



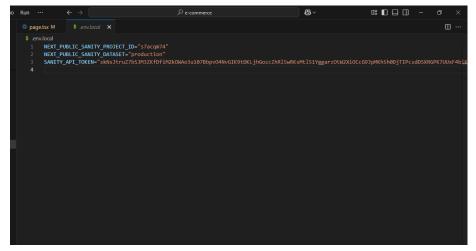
> Step 5: Scroll down click on Add API token write read token and select developer and click save



Step 6: Now copy your Project id and data set and API token



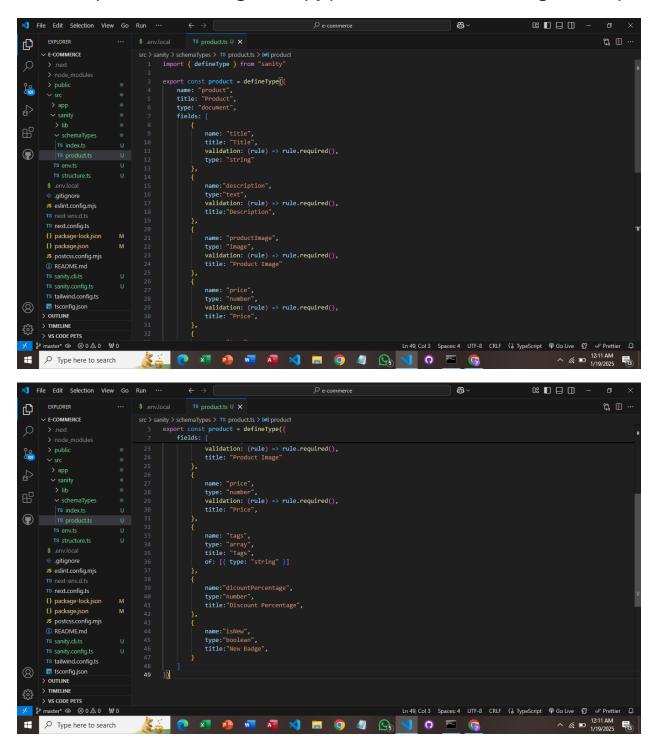
> Step 7: Paste API Token, Project id, Dataset in your env.local file.



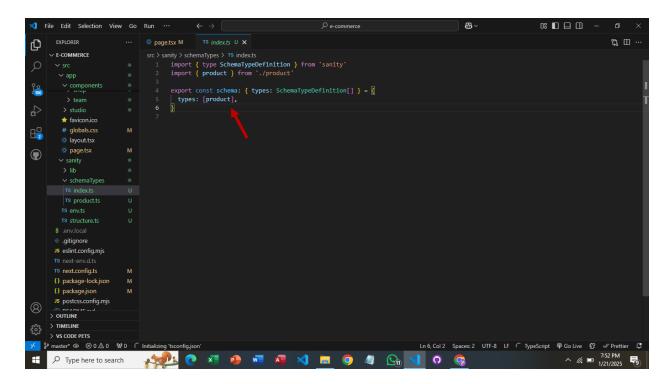
Step 8: Now make a file product.ts in SchemaTypes folder



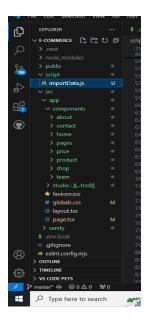
> Step 9: After making file copy paste code Provided in github repo.



> Step 10: Now go to in index.ts file and call product function

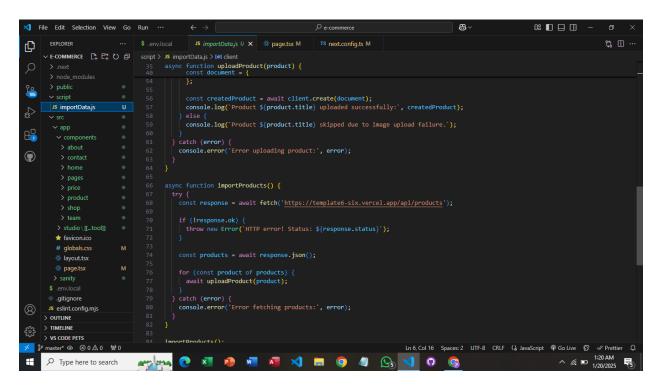


Step 11: Now make a folder name script and in that folder make a file name importData.js

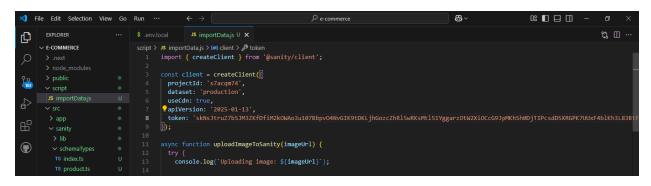


Step 12: copy paste code provided in github repo for importData.js

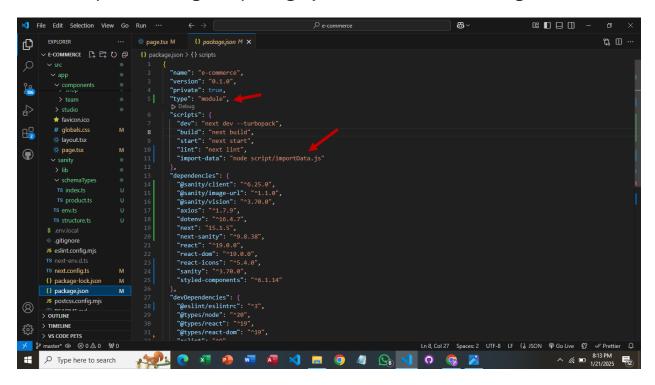
(make sure to cross check that your API is same according to your template)



➤ Step 13: Now make changes in your code of importData file (copy projectId, dataset, Api token from env file enter paste it.)

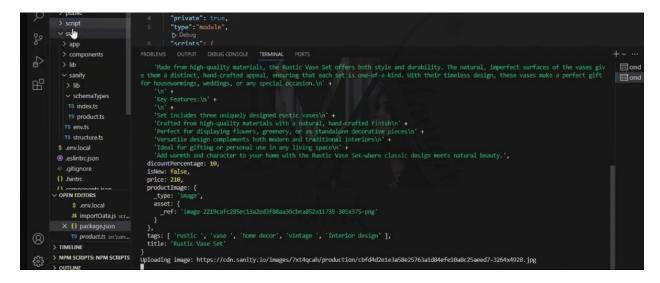


 Step 12: Now run command in your terminal (npm install @sanity/client axios dotenv) Step 13: Now go to packge.json file and add changes

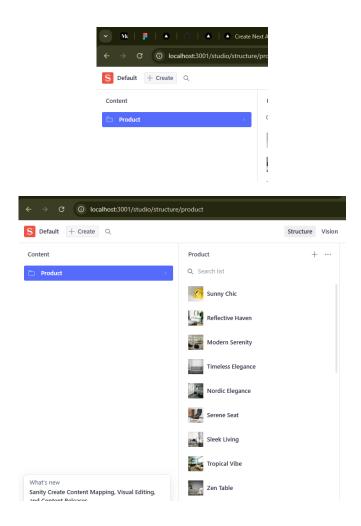


Step 14: Now run a command in your terminal

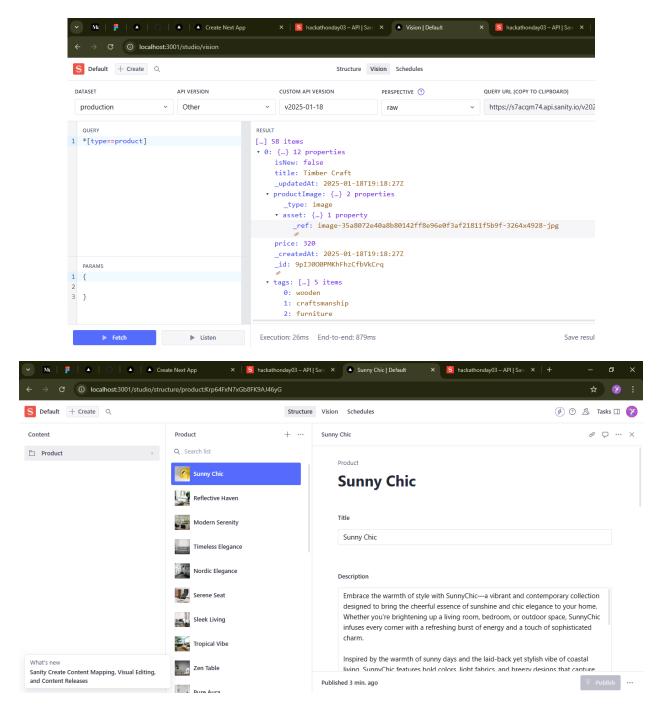
(npm run import-data)



Step 15: After all data import run a command (npm run dev) open local host write /studio after local host url open your sanity studio click on products here you have your imported data.



Checking product with qroc query



## "Here we Migrated our Data from API to Sanity"

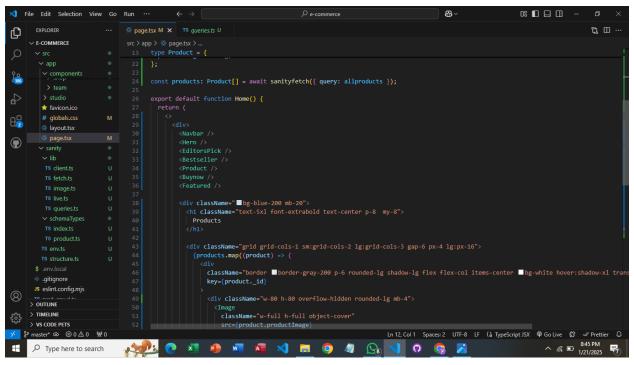
Now we have to display this data to Ui in our local host.

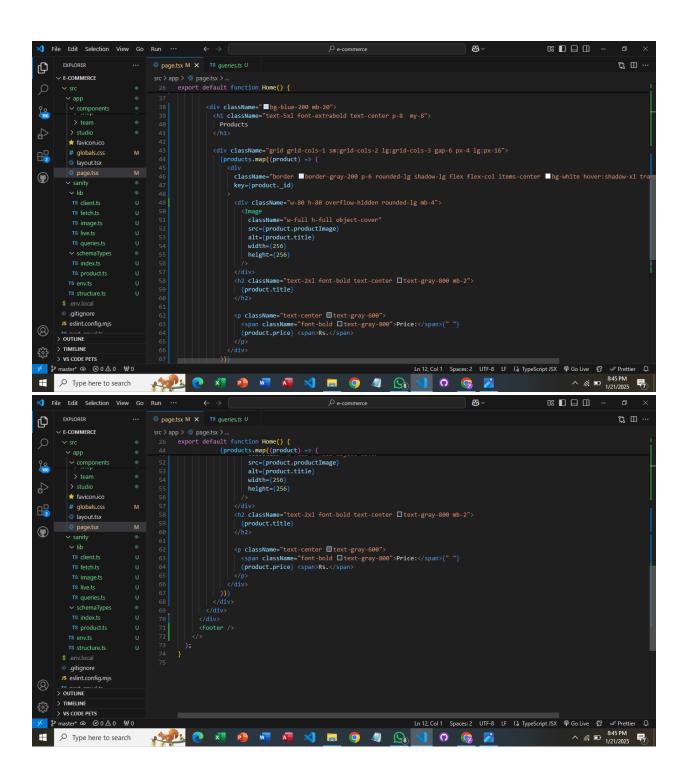
> Step 1: Make changes in config.ts file.

> Step 2: Make a file in lib folder name fetch.ts

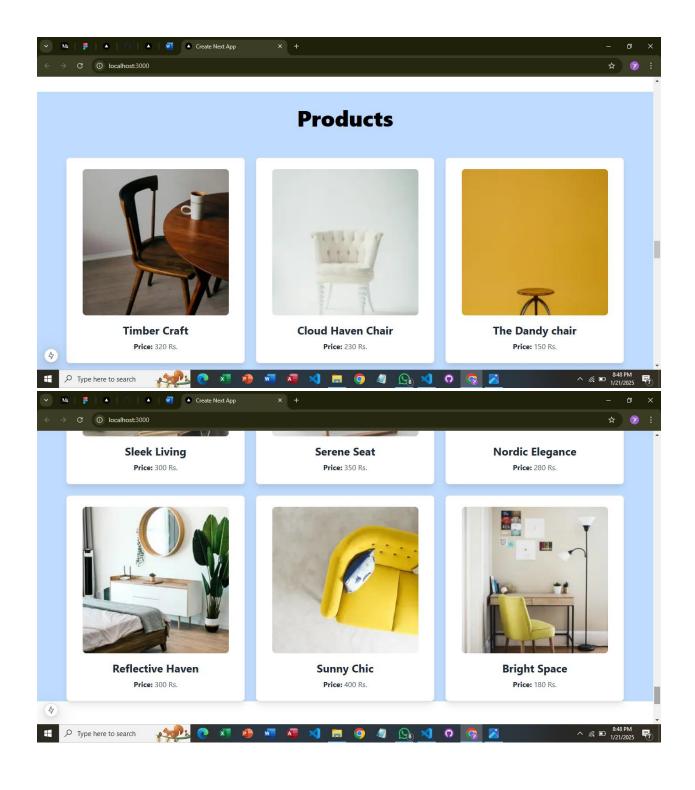
Step 3: Make another file in lib name queries.ts

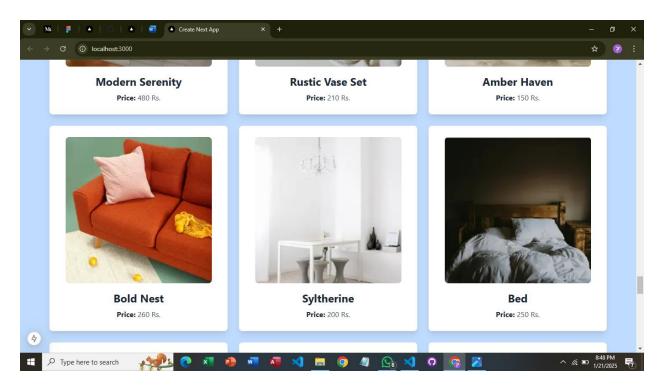
> Step 4: call products in your page.tsx and style products cards.





> Step 5: Refresh your local Host.





"Here is products Fetch & Displayed on Ui local host."

**Documents by Asiya Khan**