## **API Integration Report**

Marketplace: Comforty.

### **API integration Process.**

According to my roll number I was assigned template 8. And to practice API integration and sanity I was provided a mock API to practice API integration and migrating data to sanity.

API LINK: <a href="https://giaic-hackathon-template-08.vercel.app/api/">https://giaic-hackathon-template-08.vercel.app/api/</a>

For product: <a href="https://giaic-hackathon-template-">https://giaic-hackathon-template-</a>

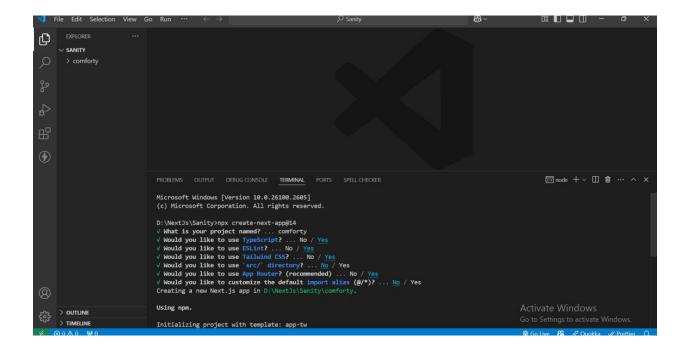
08.vercel.app/api/products

For categories: <a href="https://giaic-hackathon-template-">https://giaic-hackathon-template-</a>

08.vercel.app/api/categories

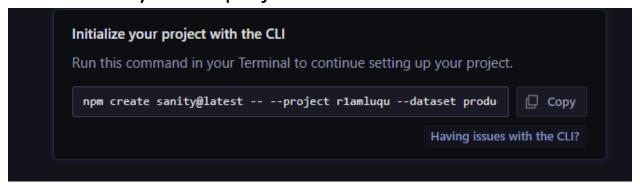
#### Step-1:

We created our next-js project and setup our sanity studio in it.



### Step-2:

To use sanity in our project we used this command:



It allowed us to include sanity in our project and include sanity studio on our web to handle data.

## Step-3:

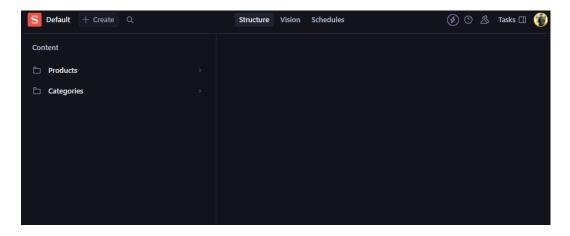
We set up our sanity and its schemas:

For this project we needed two schemas so we created two file in sanity schemaTypes folder one for products which is:

```
## products | Products
```

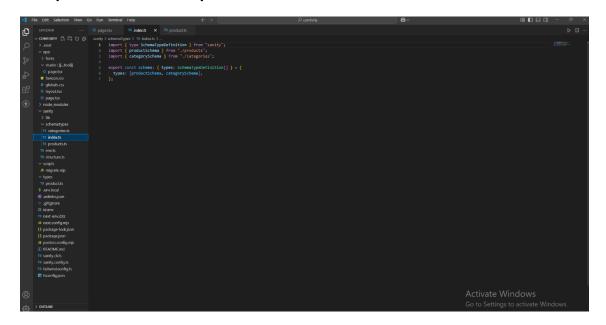
And then set up our categories schema which is:

### In result on our studio:



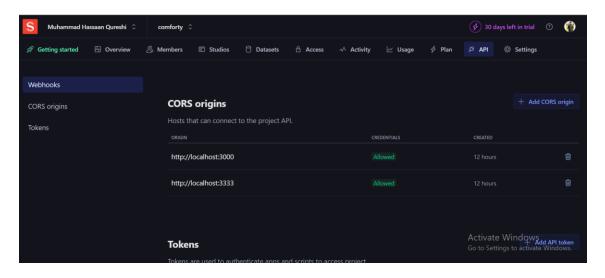
# Step-4:

Step 4 was to import our schemas to our index.ts file.



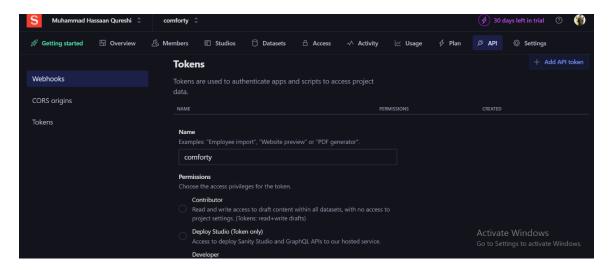
### Step-5:

In our sanity project from sanity website we added our project path ex: (<a href="http://localhost3000">http://localhost3000</a>) in CORS origins under API section.



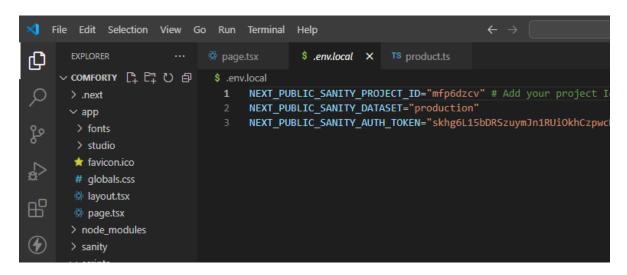
# Step-6:

Below CORS origins we generate our aut token.



### Step-7:

We add our project id and aut token that we generated above in our .env.local file or create another .env file and include id and aut token there.



#### Step-8:

Then we created a script folder on our root that include our migrate script that migrate our data from API to sanity.

Code taken from sir Hamzah syed File.

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# Step-9:

In pakage.json file in scripts section include this line: "migrate": "node scripts/migrate.mjs"

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## Step-10:

Before running the migrate script run this command:

#### "npm install dotenv"

and then run the migrate script using:

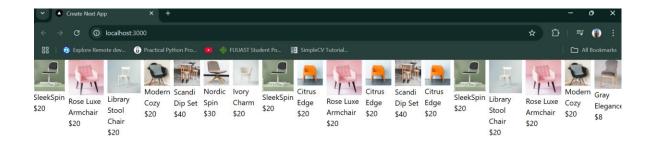
#### "npm run migrate"

This will migrate your data from API to sanity.

## Step-11:

Now using sanity queries fetch data and use it as you like.

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```



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