

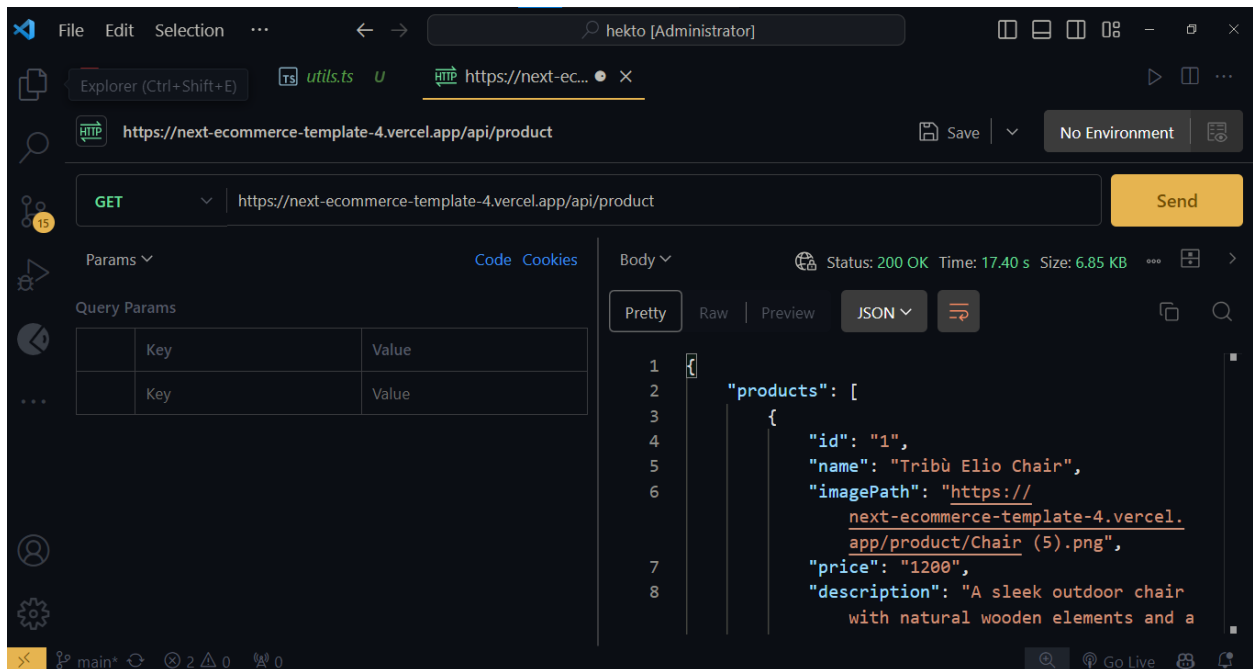
# DAY 3 – API Integration Report

## API Integration Process:

In this project first we fetched data from this endpoint <https://next-e-commerce-template-4.vercel.app/api/product> and then we imported it in sanity.

I have used Sanity API for fetching data from Sanity on the Server / Client.

I have tested these Sanity API output so that it aligns with requirements.



1 API Call on Postman VsCode

## Changes in Schema:

The provided schema aligned with my generated schema but there was a little bit difference in naming.

Removed Fields: short\_description, specification, sku

New Fields added: isFeatureProduct

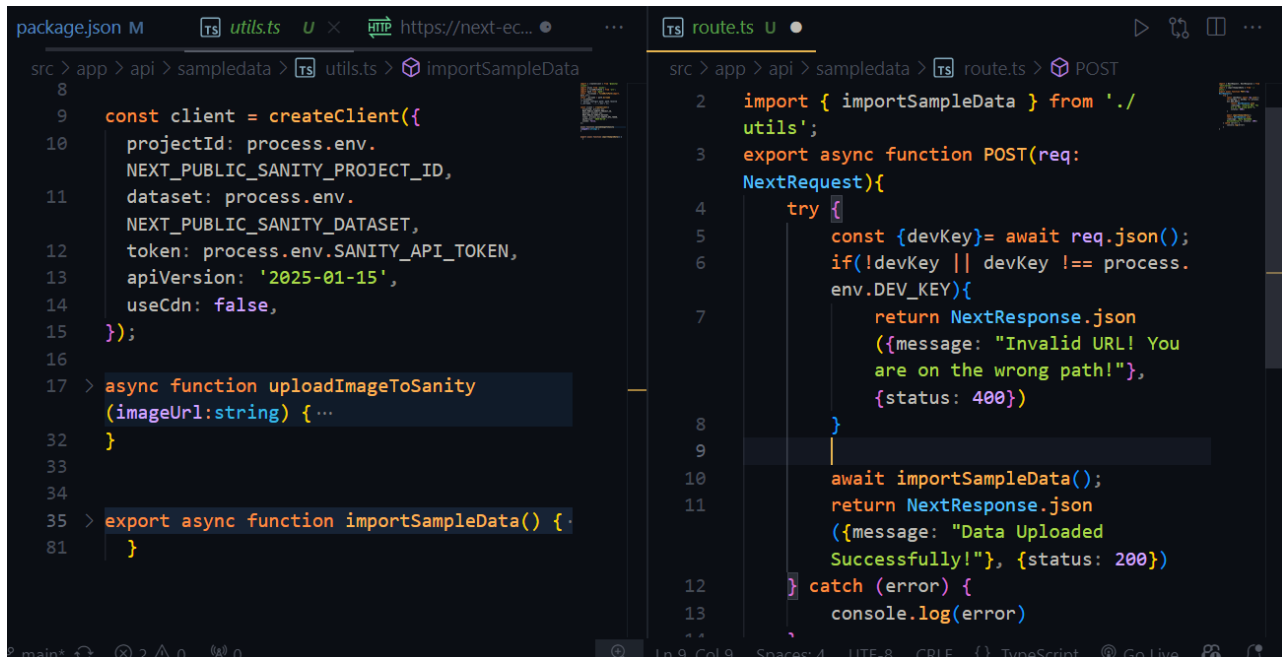
Old Name	New Name
Title	Name
Product_image	Image
Quantity	Stock_level

## Migration Steps & Tools Used:

For Migration I used two function 1. For Uploading Image 2. For Posting Product in Sanity using create replace function that was fetching data from given API Endpoint. Then I called that function in POST request. This POST request is secured by Dev\_key. Means When Dev Key provided in post request's body matched with actual dev key then data could be inserted. Then I just send a simple request to API and then all data is imported in my Sanity DB.

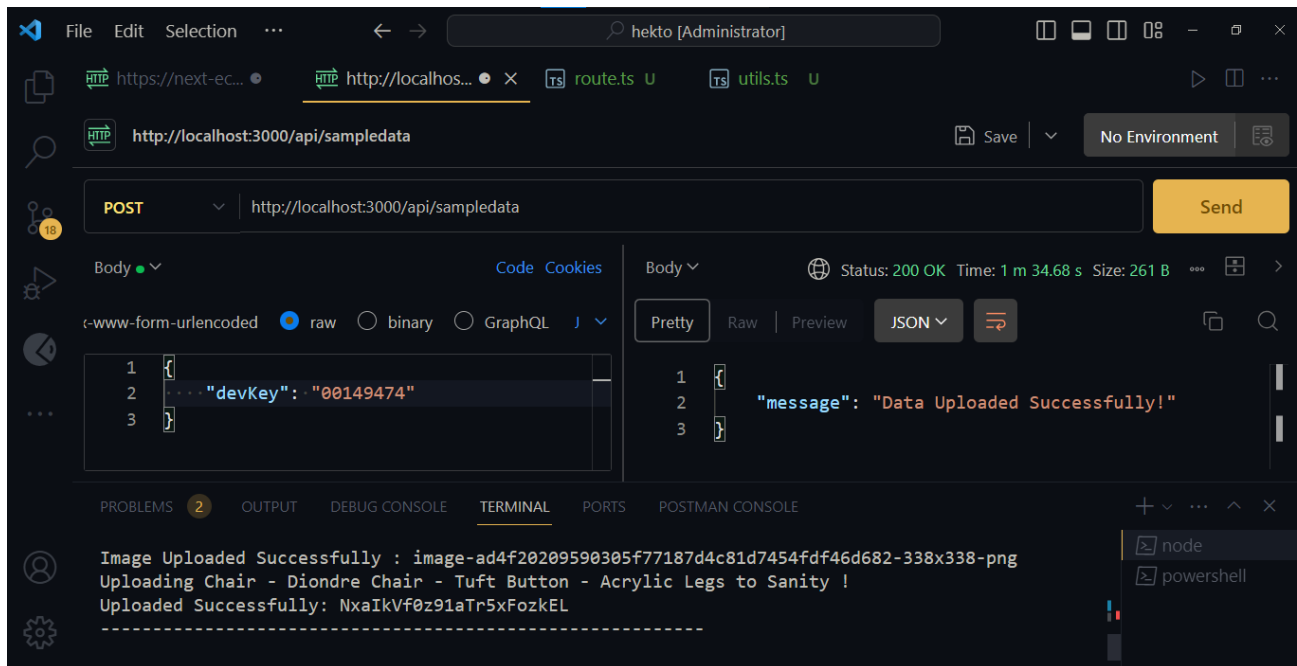
For Testing & API Call: Postman

Endpoint: <https://next-ecommerce-template-4.vercel.app/api/product>

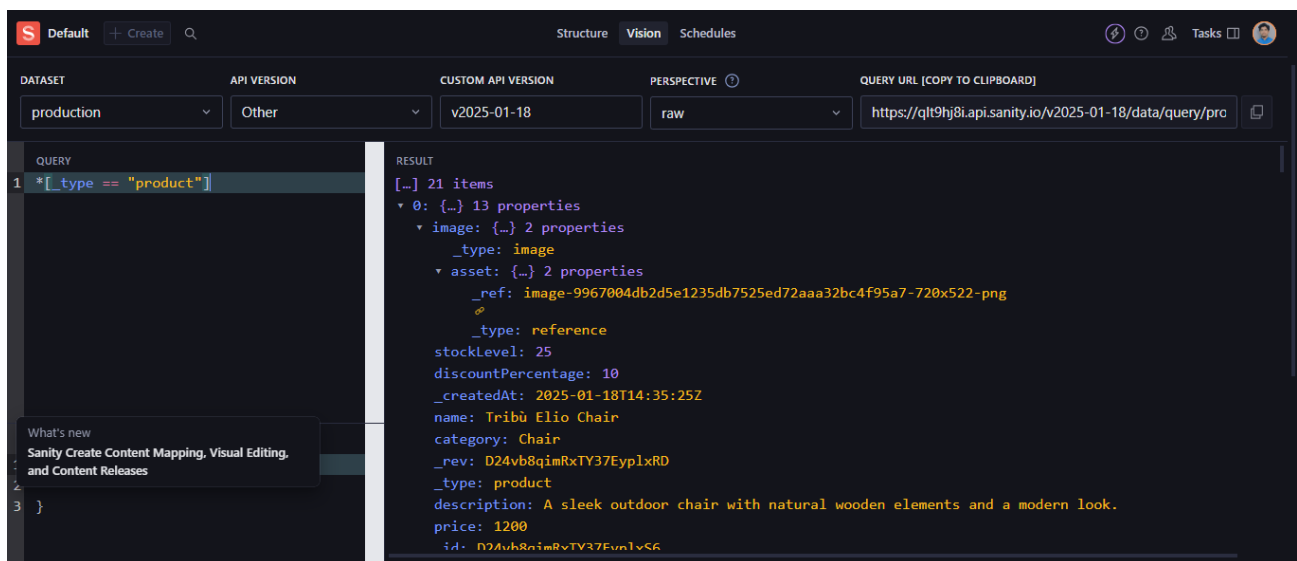


```
package.json M  utils.ts U x  https://next-ec...  route.ts U •
src > app > api > sampledata > utils.ts > importSampleData
8
9  const client = createClient({
10    projectId: process.env.
      NEXT_PUBLIC_SANITY_PROJECT_ID,
11    dataset: process.env.
      NEXT_PUBLIC_SANITY_DATASET,
12    token: process.env.SANITY_API_TOKEN,
13    apiVersion: '2025-01-15',
14    useCdn: false,
15  });
16
17  > async function uploadImageToSanity
      (imageUrl:string) { ...
32  }
33
34
35  > export async function importSampleData() {
81  }

src > app > api > sampledata > route.ts > POST
2  import { importSampleData } from './
      utils';
3  export async function POST(req:
      NextRequest){
4    try {
5      const {devKey}= await req.json();
6      if(!devKey || devKey !== process.
          env.DEV_KEY){
7        return NextResponse.json
          ({message: "Invalid URL! You
              are on the wrong path!"},
            {status: 400})
8      }
9
10     await importSampleData();
11     return NextResponse.json
        ({message: "Data Uploaded
            Successfully!"}, {status: 200})
12   } catch (error) {
13     console.log(error)
14   }
```



3 Image Displaying that all the data is imported



4 Sanity Dashboard Showing Data

# Featured Products



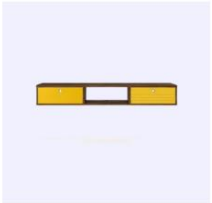
**Tribù Elio Chair**  
Code - Y523201  
\$1200



**Uchiwa Quilted Lounge Chair**  
Code - Y523201  
\$1600



**Hans Wegner Style Three-Legged Shell Chair**  
Code - Y523201  
\$990



**Liberty Wood 63' Floating Entertainment Center**  
Code - Y523201  
\$1100

5 Data displayed on frontend