

Hackhton #3

Day#3

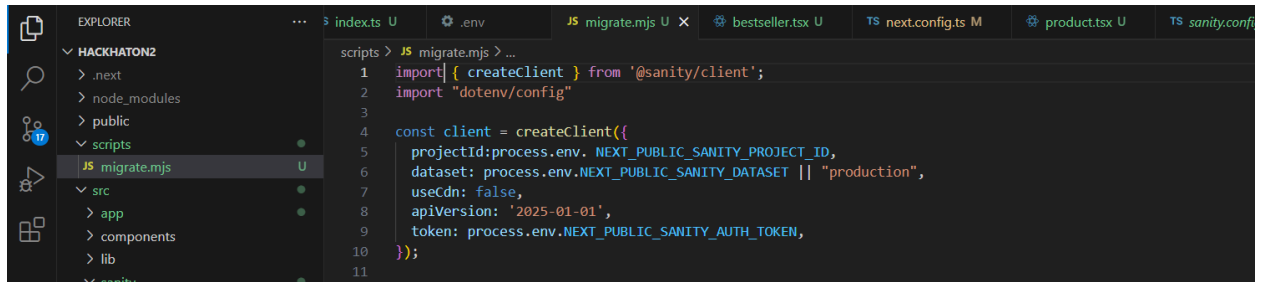
The focus of day 3 is to integrate API s and migrate data into sanity CMS to build a functional marketplace backend. For this first we integrate APIs into Next.js project.

- First copy Schema type

```
src > sanity > schemaTypes > TS product.ts > product
1  import { defineType } from "sanity"
2
3  export const product = defineType({
4    name: "product",
5    title: "Product",
6    type: "document",
7    fields: [
8      {
9        name: "title",
10       title: "Title",
11       validation: (rule) => rule.required(),
12       type: "string"
13     },
14     {
15       name: "description",
16       type: "text",
17       validation: (rule) => rule.required(),
18       title: "Description",
19     },
20     {
21       name: "productImage",
22       type: "image",
23       validation: (rule) => rule.required(),
24       title: "Product Image"
25     }
26   ]
27 })
```

- Migrate data

Make a folder name scripts in the root file in this folder make a file name migrate Data.mjs



```
1 import { createClient } from '@sanity/client';
2 import "dotenv/config"
3
4 const client = createClient({
5   projectId: process.env.NEXT_PUBLIC_SANITY_PROJECT_ID,
6   dataset: process.env.NEXT_PUBLIC_SANITY_DATASET || "production",
7   useCdn: false,
8   apiVersion: '2025-01-01',
9   token: process.env.NEXT_PUBLIC_SANITY_AUTH_TOKEN,
10 });
11
```

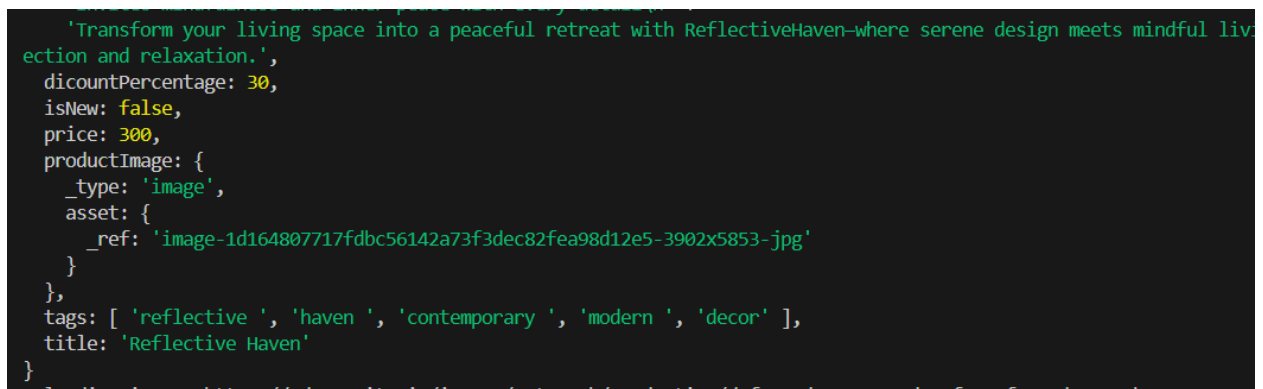
- Change in package Json file



```
{
  "name": "hakhaton2",
  "version": "0.1.0",
  "private": true,
  "scripts": {
    "dev": "next dev --turbopack",
    "build": "next build",
    "start": "next start",
    "lint": "next lint",
    "migrate": "node scripts/migrate.mjs"
  },
  "dependencies": {

```

- Migrate data into sanity



```
{
  "description": "Transform your living space into a peaceful retreat with ReflectiveHaven—where serene design meets mindful living and relaxation.",
  "discountPercentage": 30,
  "isNew": false,
  "price": 300,
  "productImage": {
    "_type": "image",
    "asset": {
      "_ref": "image-1d164807717fdb56142a73f3dec82fea98d12e5-3902x5853-jpg"
    }
  },
  "tags": [ 'reflective ', 'haven ', 'contemporary ', 'modern ', 'decor' ],
  "title": 'Reflective Haven'
}
```

- Show product data into sanity

Bandage

HomeShopAboutBlogContactPages

Login/Register

SDefault+ Create

StructureVisionSchedules

Content

Product

Product

Sunny Chic

Reflective Haven

Modern Serenity

Timeless Elegance

Nordic Elegance

Serene Seat

Sleek Living

Tropical Vibe

Zen Table

Sunny Chic

Product

Sunny Chic

Title

Sunny Chic

Description

Embrace the warmth of style with SunnyChic—a vibrant and contemporary collection designed to bring the cheerful essence of sunshine and chic elegance to your home. Whether you're brightening up a living room, bedroom, or outdoor space, SunnyChic infuses every corner with a refreshing burst of energy and a touch of sophisticated charm.

Inspired by the warmth of sunny days and the laid-back yet stylish vibe of coastal living, SunnyChic features bold colors, light fabrics, and breezy designs that capture the spirit of summer all year round. From sunny yellows and soft neutrals to playful