

## 1. Sanity Installation

```
Microsoft Windows [Version 10.0.19045.5247]
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E:\Governor Initiaive\Quarter 2\Assignments\HACKATHON\ui-ux_hackathon_by_tanzeel Sanity>npm create sanity@latest

> ui-ux_hackathon_by_tanzeel@0.1.0 npx
> create-sanity

You are logged in as tanzeelsarwar486@gmail.com using GitHub
Fetching existing projects

? Create a new project or select an existing one comferty (vwuyf65a)
? Select dataset to use production
? Would you like to add configuration files for a Sanity project in this Next.js folder? Yes

It looks like you are using Next.js 15 and React 19
Please read our compatibility guide.
https://www.sanity.io/help/react-19

? Do you want to use TypeScript? Yes
? Would you like an embedded Sanity Studio? Yes
? What route do you want to use for the Studio? /studio
? Select project template to use Clean project with no predefined schema types
? Would you like to add the project ID and dataset to your .env.local file? Yes
Running 'npm install --legacy-peer-deps --save @sanity/vision@3 sanity@3 @sanity/image-url@1 styled-components@6'
npm warn deprecated @sanity/block-tools@3.70.0: Renamed - use `@portabletext/block-tools` instead. `@sanity/block-tools`
will no longer receive updates.

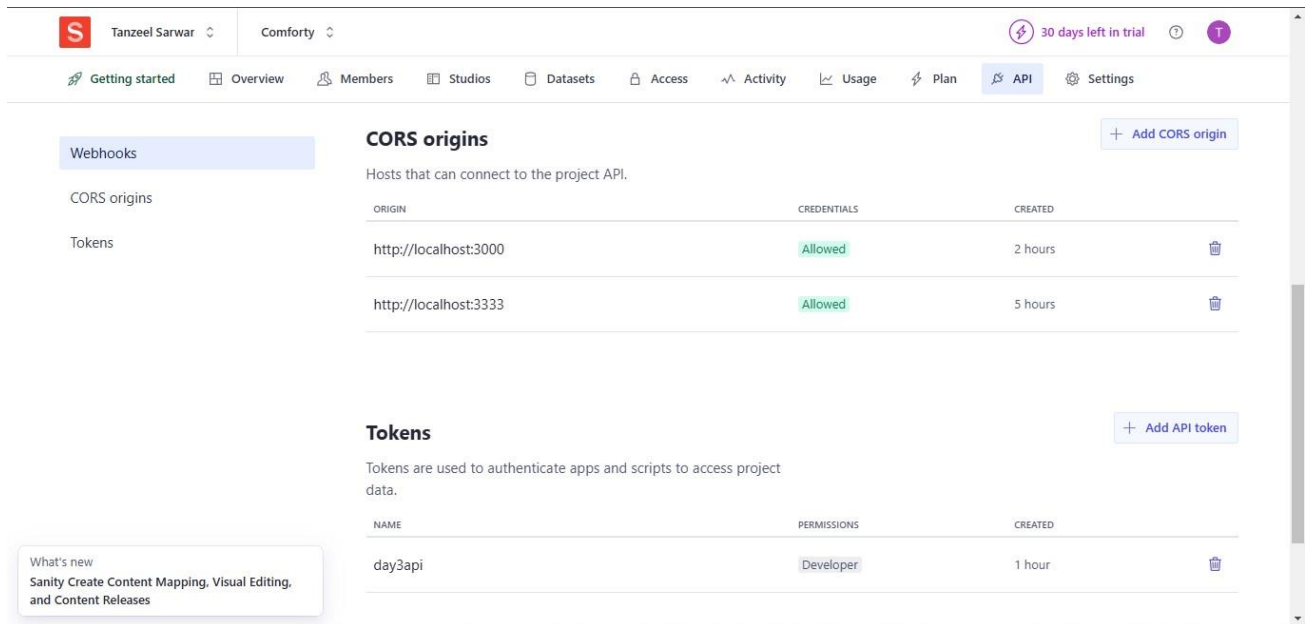
Run `npm audit` for details.

Success! Your Sanity configuration files has been added to this project

E:\Governor Initiaive\Quarter 2\Assignments\HACKATHON\ui-ux_hackathon_by_tanzeel Sanity>npm create sanity@latest_
```

## 2. Sanity, Create Project:

### 3. Token Adding:



The screenshot shows the Sanity Studio interface. The top navigation bar includes the user profile 'Tanzeel Sarwar', the project name 'Comforty', and a trial status '30 days left in trial'. The main navigation menu has options like 'Getting started', 'Overview', 'Members', 'Studios', 'Datasets', 'Access', 'Activity', 'Usage', 'Plan', 'API', and 'Settings'. The 'API' tab is selected, showing 'Webhooks', 'CORS origins', and 'Tokens' sections.

**CORS origins**

Hosts that can connect to the project API.

ORIGIN	CREDENTIALS	CREATED	
http://localhost:3000	Allowed	2 hours	
http://localhost:3333	Allowed	5 hours	

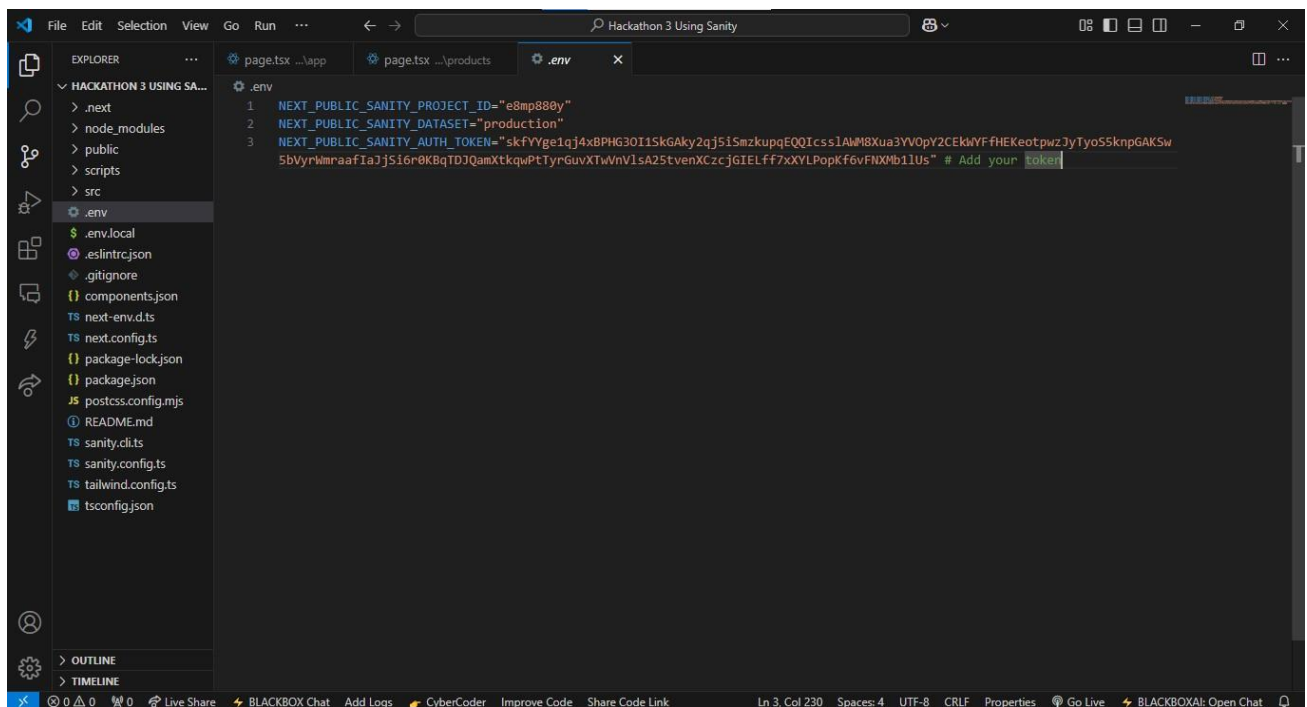
**Tokens**

Tokens are used to authenticate apps and scripts to access project data.

NAME	PERMISSIONS	CREATED	
day3api	Developer	1 hour	

Buttons: '+ Add CORS origin' and '+ Add API token'.

**What's new**  
Sanity Create Content Mapping, Visual Editing, and Content Releases

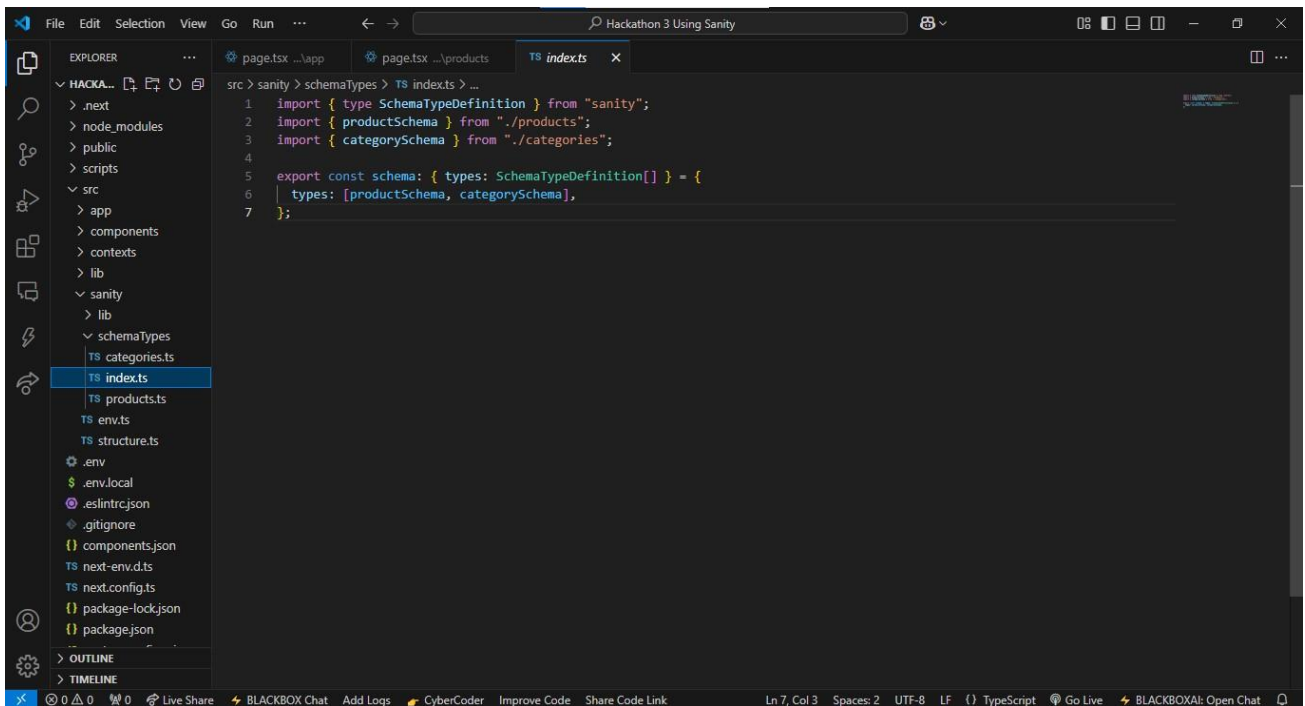


The screenshot shows a VS Code editor window with the file explorer on the left. The file explorer shows a project structure for 'HACKATHON 3 USING SA...'. The main editor area shows the contents of the '.env' file:

```
1 NEXT_PUBLIC_SANITY_PROJECT_ID="e8mp880y"
2 NEXT_PUBLIC_SANITY_DATASET="production"
3 NEXT_PUBLIC_SANITY_AUTH_TOKEN="skfYYge1qj4xBPHG30I1SkGAKy2qj5ISmzkupqEQIcss1AwM8Xua3YVOpY2CEkMYfFHEKeotpwzJyTyosS5knpGAKSw5bVyrMmraafIaJjS16r0KBqTDJQamXtkqwPtTyrGuvXtWnV1sA25tvenXCzcjGIELff7xXYLPopKf6vFNXMB1lUs" # Add your token
```

The status bar at the bottom shows 'Ln 3, Col 230', 'Spaces: 4', 'UTF-8', 'CRLF', 'Properties', 'Go Live', and 'BLACKBOXAI: Open Chat'.

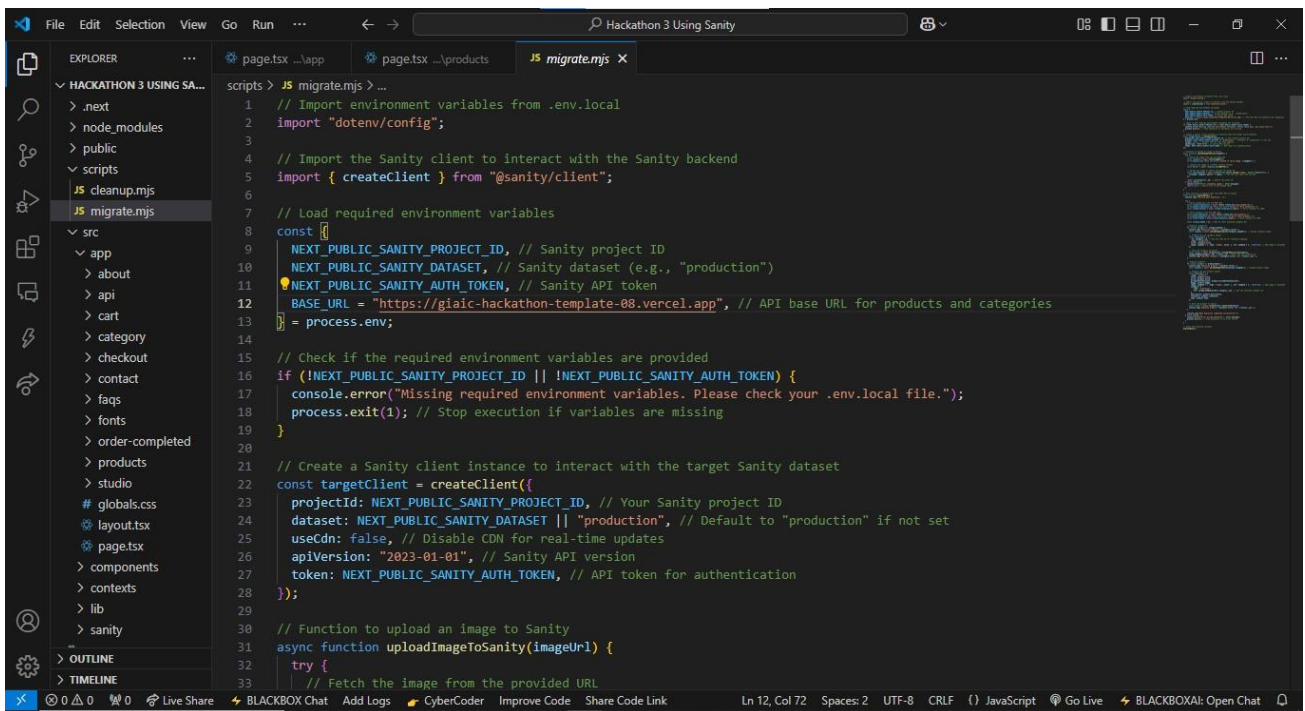
## Migration Steps and Tools Used:



The image shows a VS Code editor window with the Explorer sidebar on the left. The Explorer sidebar shows a project structure for 'HACKATHON 3 USING SANITY'. The file 'TS index.ts' is selected. The main editor area displays the content of 'TS index.ts'.

```
src > sanity > schemaTypes > TS index.ts > ...
1 import { type SchemaTypeDefinition } from "sanity";
2 import { productSchema } from "../products";
3 import { categorySchema } from "../categories";
4
5 export const schema: { types: SchemaTypeDefinition[] } = {
6   types: [productSchema, categorySchema],
7 };

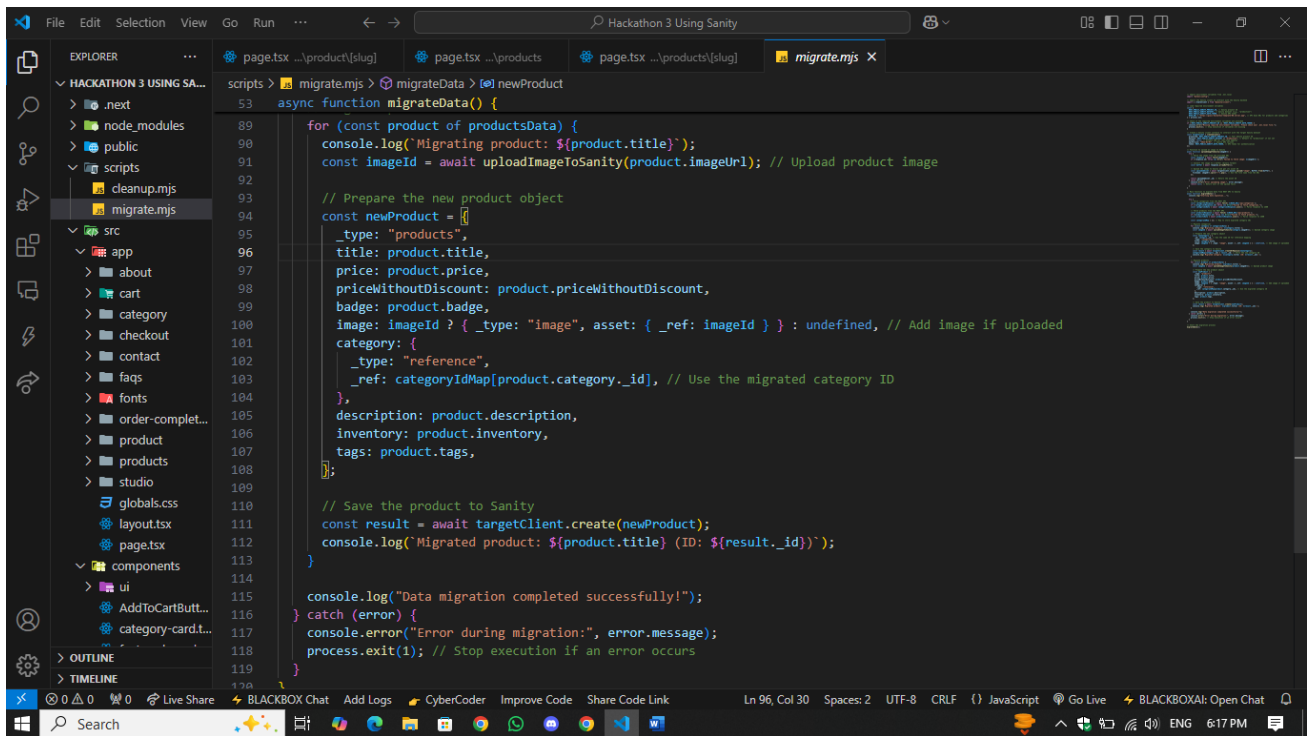
```



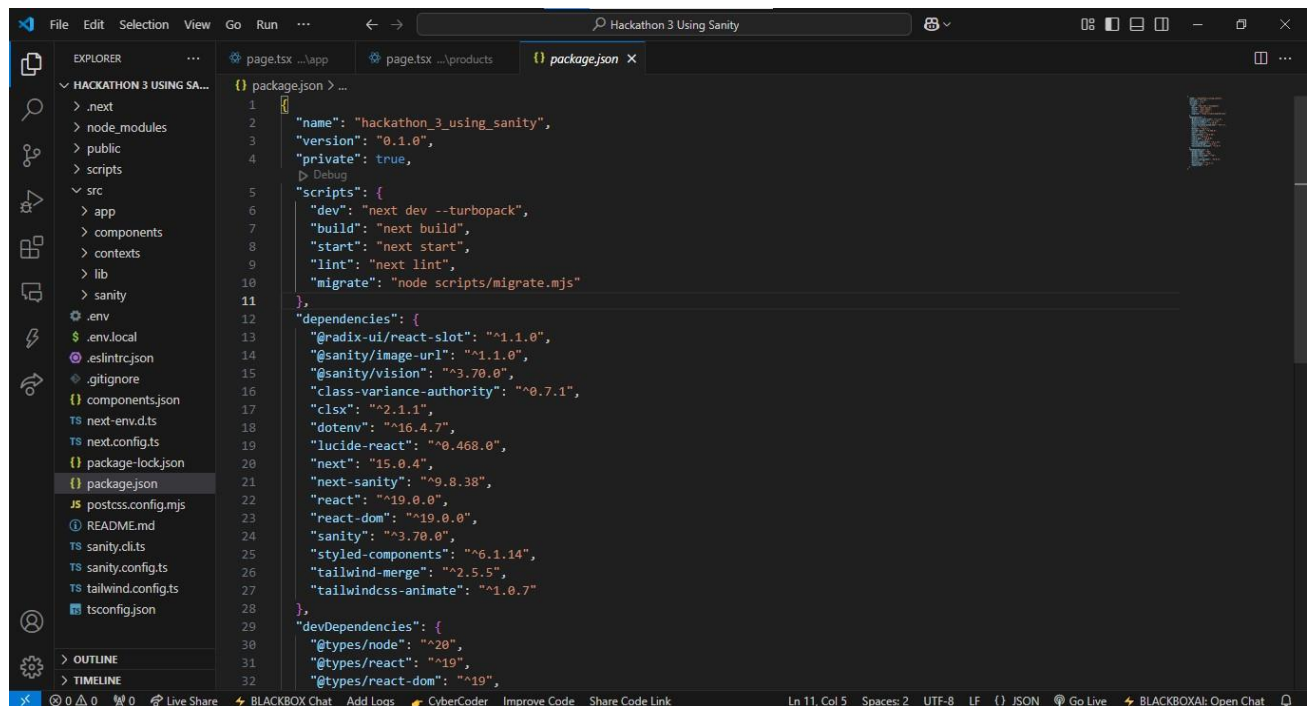
The image shows a VS Code editor window with the Explorer sidebar on the left. The Explorer sidebar shows a project structure for 'HACKATHON 3 USING SANITY'. The file 'JS migrate.mjs' is selected. The main editor area displays the content of 'JS migrate.mjs'.

```
scripts > JS migrate.mjs > ...
1 // Import environment variables from .env.local
2 import "dotenv/config";
3
4 // Import the Sanity client to interact with the Sanity backend
5 import { createClient } from "@sanity/client";
6
7 // Load required environment variables
8 const {
9   NEXT_PUBLIC_SANITY_PROJECT_ID, // Sanity project ID
10  NEXT_PUBLIC_SANITY_DATASET, // Sanity dataset (e.g., "production")
11  NEXT_PUBLIC_SANITY_AUTH_TOKEN, // Sanity API token
12  BASE_URL = "https://giaic-hackathon-template-08.vercel.app", // API base URL for products and categories
13 } = process.env;
14
15 // Check if the required environment variables are provided
16 if (!NEXT_PUBLIC_SANITY_PROJECT_ID || !NEXT_PUBLIC_SANITY_AUTH_TOKEN) {
17   console.error("Missing required environment variables. Please check your .env.local file.");
18   process.exit(1); // Stop execution if variables are missing
19 }
20
21 // Create a Sanity client instance to interact with the target Sanity dataset
22 const targetClient = createClient({
23   projectId: NEXT_PUBLIC_SANITY_PROJECT_ID, // Your Sanity project ID
24   dataset: NEXT_PUBLIC_SANITY_DATASET || "production", // Default to "production" if not set
25   useCdn: false, // Disable CDN for real-time updates
26   apiVersion: "2023-01-01", // Sanity API version
27   token: NEXT_PUBLIC_SANITY_AUTH_TOKEN, // API token for authentication
28 });
29
30 // Function to upload an image to Sanity
31 async function uploadImageToSanity(imageUrl) {
32   try {
33     // Fetch the image from the provided URL

```



```
53 async function migrateData() {
89   for (const product of productsData) {
90     console.log(`Migrating product: ${product.title}`);
91     const imageId = await uploadImageToSanity(product.imageUrl); // Upload product image
92
93     // Prepare the new product object
94     const newProduct = {
95       _type: "products",
96       title: product.title,
97       price: product.price,
98       priceWithoutDiscount: product.priceWithoutDiscount,
99       badge: product.badge,
100       image: imageId ? { _type: "image", asset: { _ref: imageId } } : undefined, // Add image if uploaded
101       category: {
102         _type: "reference",
103         _ref: categoryIdMap[product.category_id], // Use the migrated category ID
104       },
105       description: product.description,
106       inventory: product.inventory,
107       tags: product.tags,
108     };
109
110     // Save the product to Sanity
111     const result = await targetClient.create(newProduct);
112     console.log(`Migrated product: ${product.title} (ID: ${result._id})`);
113   }
114
115   console.log("Data migration completed successfully!");
116 } catch (error) {
117   console.error("Error during migration:", error.message);
118   process.exit(1); // Stop execution if an error occurs
119 }
```



```
1 {
2   "name": "hackathon_3_using_sanity",
3   "version": "0.1.0",
4   "private": true,
5   "scripts": {
6     "dev": "next dev --turbo",
7     "build": "next build",
8     "start": "next start",
9     "lint": "next lint",
10    "migrate": "node scripts/migrate.mjs"
11  },
12  "dependencies": {
13    "@radix-ui/react-slot": "^1.1.0",
14    "@sanity/image-url": "^1.1.0",
15    "@sanity/vision": "^3.70.0",
16    "class-variance-authority": "^0.7.1",
17    "clsx": "^2.1.1",
18    "dotenv": "^16.4.7",
19    "lucide-react": "^0.468.0",
20    "next": "15.0.4",
21    "next-sanity": "^9.8.38",
22    "react": "^19.0.0",
23    "react-dom": "^19.0.0",
24    "sanity": "^3.70.0",
25    "styled-components": "^6.1.14",
26    "tailwind-merge": "^2.5.5",
27    "tailwindcss-animate": "^1.0.7"
28  },
29  "devDependencies": {
30    "@types/node": "^20",
31    "@types/react": "^19",
32    "@types/react-dom": "^19",
33  }
34 }
```

Comferty - Overview | Sanity.io

sanity.io/manage/personal/project/jlk8c83m

Tanzeel SarwarComferty29 days left in trial

CO

Tanzeel Sarwar

Comferty

PLAN

Growth Trial

STATUS

Active

PROJECT ID

jl8c83m

Getting started

Overview

Members

Studios

Datasets

Access

Activity

Usage

Plan

API

Settings

Next steps

Initialize your project with the CLI

Run this command in your Terminal to continue setting up your project.

npm create sanity@latest -- --project jlk8c83m --dataset produCopy

Having issues with the CLI?

Project members

View all →

Invite your first team member

+ Invite project members

Usage

View more →

711 / 1m

API CDN Requests

96 / 250k

API Requests

Activity

View more →

Default+ Create

StructureVisionSchedules

Tasks

Content

Products

Categories

Products

Search list

Ivory Charm

Gray Elegance

Nordic Spin

Scandi Dip Set

Modern Cozy

Library Stool Chair

SleekSpin

Rose Luxe Armchair

Citrus Edge

Scandi Dip Set

Default+ Create

StructureVisionSchedules

Tasks

DATASET

production

API VERSION

Other

CUSTOM API VERSION

v2025-01-18

PERSPECTIVE

raw

QUERY URL [COPY TO CLIPBOARD]

https://e8mp880y.api.sanity.io/v2025-01-18/data/que

QUERY

1 \*[\*type==products]

PARAMS

1 {

2 }

3 }

RESULT

[...] 40 items

0: {...} 7 properties

\_updatedAt: 2025-01-18T17:42:41Z

image: {...} 2 properties

\_type: image

asset: {...} 1 property

\_ref: image-c692eaf301809a24f99f9d89e60f5fffb51b27925-424x424-png

\_createdAt: 2025-01-18T17:42:41Z

\_rev: xaIbDd12g3ehznCa7YVBQQ

\_type: categories

\_id: 26fd7176-3c4d-40fc-a73a-3b85a9b5e15f

title: Wing Chair

1: {...} 7 properties

image: {...} 2 properties

\_type: image

asset: {...} 1 property

Fetch

Listen

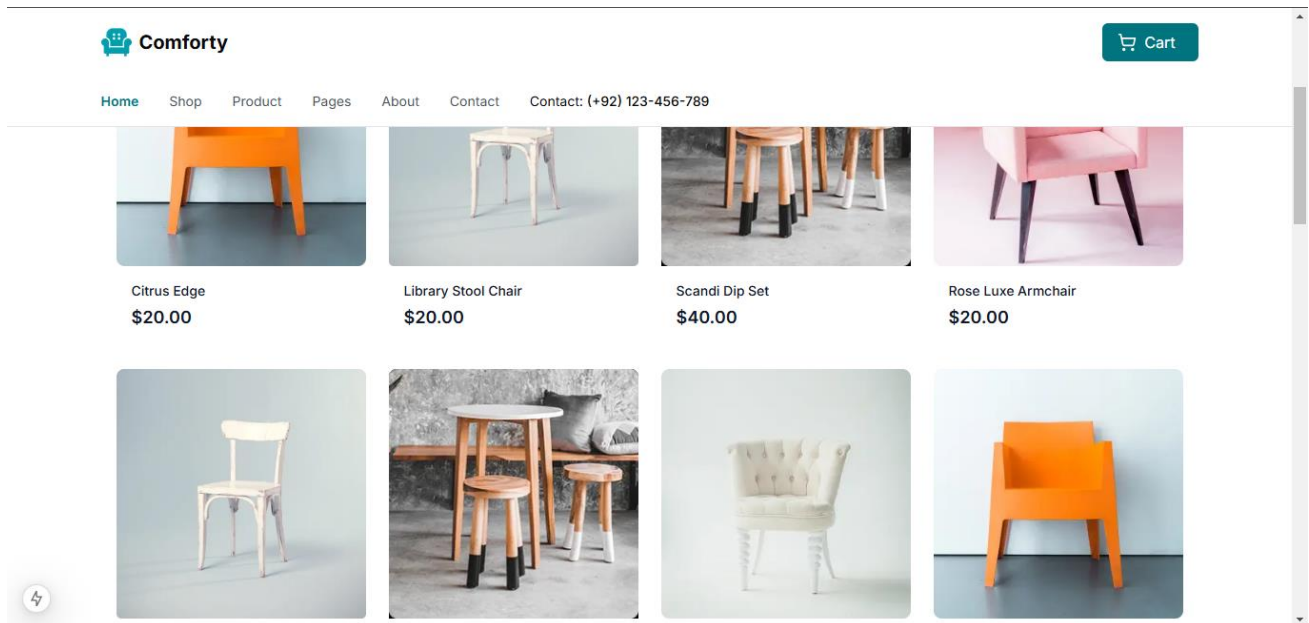
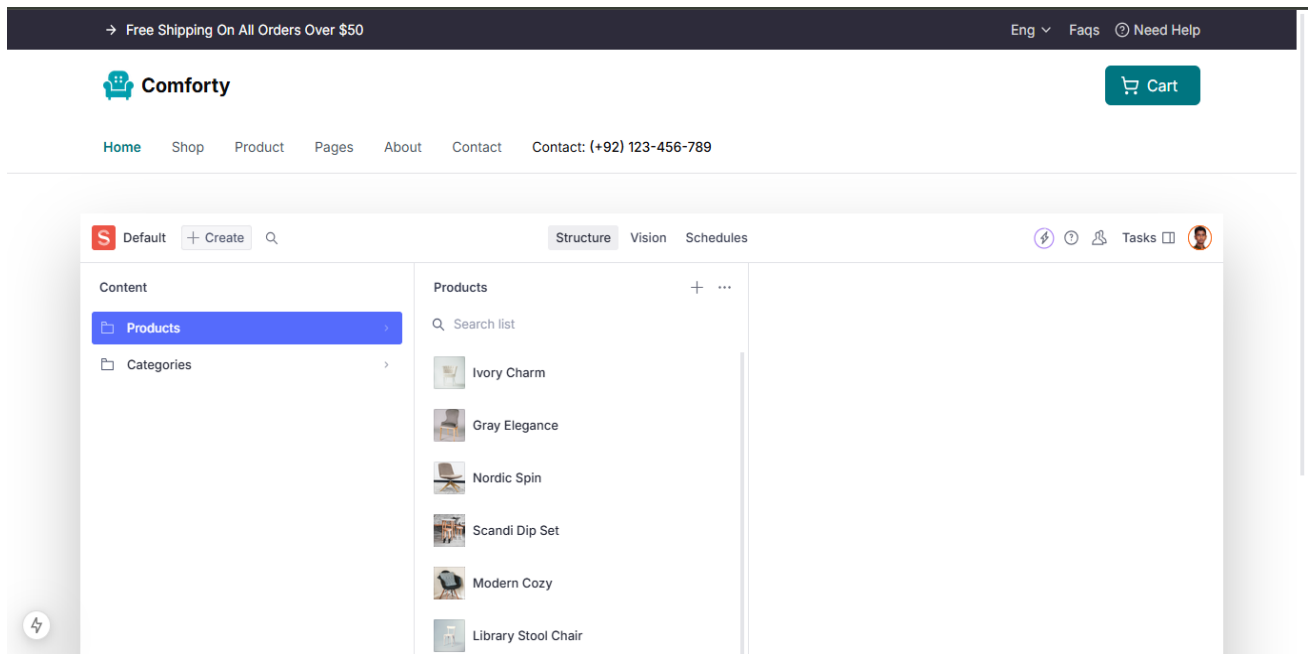
Execution: 11ms End-to-end: 208ms

Save result as

JSON

CSV

## Screenshots:





### Featured Products



Citrus Edge

\$20.00



Library Stool Chair

\$20.00



Rose Luxe Armchair

\$20.00



Library Stool Chair

\$20.00



## Library Stool Chair

\$20.00 USD

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam tincidunt erat enim. Lorem ipsum dolor sit amet, consectetur adipiscing

Quantity:

-

1

+


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