

## Day-3: API Integration Report

A report documenting

- API integration process.
- Adjustments made to schemas.
- Migration steps and tools used.

Screenshots of:

- API calls.
- Data successfully display in the frontend.
- Populated sanity CMS fields.
- Code snippets for API integration and migration scripts

Getting started

Overview

Members

Studios

Datasets

Access

Activity

Usage

Plan

API

Settings

Webhooks

CORS origins

Tokens

What's new

Sanity Create Content Mapping, Visual Editing, and Content Releases

daythree

Permissions

Choose the access privileges for the token.

Contributor

☐ Read and write access to draft content within all datasets, with no access to project settings. (Tokens: read+write drafts)

☐ Deploy Studio (Token only)

Access to deploy Sanity Studio and GraphQL APIs to our hosted service.

Developer

☒ Read and write access to all datasets, with access to project settings for developers. (Tokens: read+write)

Editor

☐ Read and write access to all datasets, with limited access to project settings. (Tokens: read+write)

Viewer

☐ Read access to all datasets, with limited access to project settings. (Tokens: read-only)

Save

Cancel

npm install @sanity/vision@3 sanity@3 @sanity/image-url@1 styled-components@6

Microsoft Windows [Version 10.0.19045.5247]

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C:\Users\Windows 10\OneDrive\Documents\30 project\HACKATHON03\hackathon3>code .

C:\Users\Windows 10\OneDrive\Documents\30 project\HACKATHON03\hackathon3>npm create sanity@latest

Need to install the following packages:

create-sanity@3.71.0

Ok to proceed? (y)

> hackathon3@0.1.0 npx

> create-sanity

You are logged in as fariausman17@gmail.com using Google

Fetching existing projects

? Create a new project or select an existing one [Create new project](#)

? Your project name: dayapi

Your content will be stored in a dataset that can be public or private, depending on whether you want to query your content with or without authentication.

The default dataset configuration has a public dataset named "production".

? Use the default dataset configuration? [Yes](#)

? Creating dataset

? Would you like to add configuration files for a Sanity project in this Next.js folder? [Yes](#)

? 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](#)

Added http://localhost:3000 to CORS origins

Running 'npm install --legacy-peer-deps --save @sanity/vision@3 sanity@3 @sanity/image-url@1 styled-components@6'

npm warn EBADENGINE Unsupported engine {

npm warn EBADENGINE package: 'vite@6.0.11',

npm warn EBADENGINE required: { node: '^18.0.0 || ^20.0.0 || >=22.0.0' },

npm warn EBADENGINE current: { node: 'v21.6.2', npm: '10.9.1' }

npm warn EBADENGINE }

npm warn EBADENGINE Unsupported engine {

npm warn EBADENGINE package: 'rimraf@6.0.1',

npm warn EBADENGINE required: { node: '20 || >=22' },

npm warn EBADENGINE current: { node: 'v21.6.2', npm: '10.9.1' }

npm warn EBADENGINE }

npm warn EBADENGINE Unsupported engine {

npm warn EBADENGINE package: 'rimraf@6.0.1',

npm warn EBADENGINE required: { node: '20 || >=22' },

npm warn EBADENGINE current: { node: 'v21.6.2', npm: '10.9.1' }

npm warn EBADENGINE }

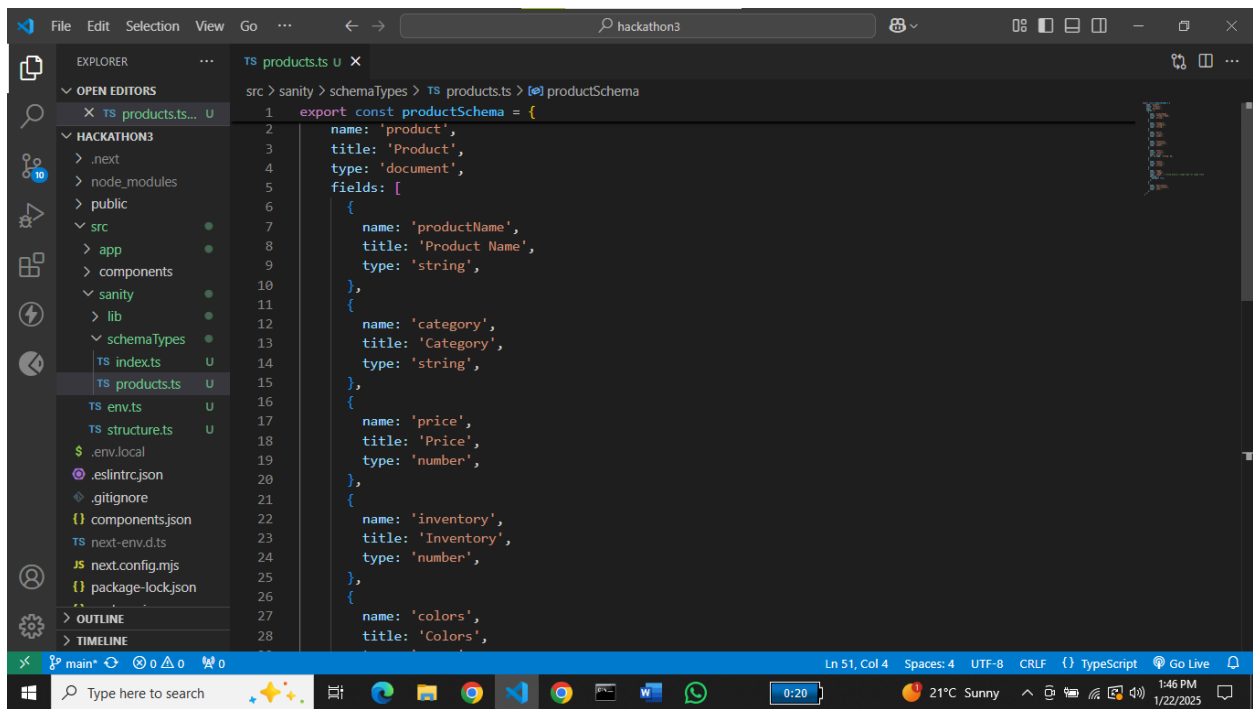
Type here to search

0:38

25°C Haze

1:22 PM 1/22/2025





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Tokens

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

NAME	PERMISSIONS	CREATED
daythree	Developer	0 seconds

Copy the token below – this is your only chance to do so!

skA1PeBdk5NoUfxxDr58NSVpGhkXoof8MVopX0cQSkSByKezJfJemwotxrg4KKHS56QAgFHCZ4wbm4o  
dAgYoxaDqNpXAZ06BhntN1dkLpjIz63HXBBzvypKywS7i1Pf2Ju9mAgN70FBg9jX64bgln80pAgpgiI  
z51QkPLTm9yLiAhjs364

What's new

This screenshot shows the VS Code editor with the file `data-migration.mjs` open. The Explorer sidebar on the left shows the project structure, including `scripts` and `src` folders. The main editor area displays the following JavaScript code:

```
1 import { createClient } from 'sanity/client';
2 import axios from 'axios';
3 import dotenv from 'dotenv';
4 import { fileURLToPath } from 'url';
5 import path from 'path';
6
7 // Load environment variables from .env.local
8 const __filename = fileURLToPath(import.meta.url);
9 const __dirname = path.dirname(__filename);
10 dotenv.config({ path: path.resolve(__dirname, '../.env.local') });
11
12 // Create Sanity client
13 const client = createClient({
14   projectId: process.env.NEXT_PUBLIC_SANITY_PROJECT_ID,
15   dataset: process.env.NEXT_PUBLIC_SANITY_DATASET,
16   useCdn: false,
17   token: process.env.SANITY_API_TOKEN,
18   apiVersion: '2021-08-31'
19 });
20
21
22 async function uploadImageToSanity(imageUrl) {
23   try {
24     console.log('Uploading image: ${imageUrl}');
25     const response = await axios.get(imageUrl, { responseType: 'arraybuffer' });
26     const buffer = Buffer.from(response.data);
27     const asset = await client.assets.upload('image', buffer, {
28       filename: imageUrl.split('/').pop()
29     });
30     console.log('Image uploaded successfully: ${asset.id}');
31     return asset.id;
32   } catch (error) {
33     console.error('Failed to upload image:', imageUrl, error);
34     return null;
35   }
36 }
```

The status bar at the bottom indicates the file is in the `scripts` folder, with a search bar and various icons.

This screenshot shows the VS Code editor with the file `package.json` open. The Explorer sidebar on the left shows the project structure, including `scripts` and `src` folders. The main editor area displays the following JSON content:

```
{
  "name": "hackathon3",
  "version": "0.1.0",
  "private": true,
  "type": "module",
  "scripts": {
    "dev": "next dev",
    "build": "next build",
    "start": "next start",
    "lint": "next lint",
    "import-data": "node scripts/import.mjs"
  },
  "dependencies": {
    "@radix-ui/react-accordion": "^1.2.2",
    "@radix-ui/react-slot": "^1.1.0",
    "@sanity/client": "^6.26.1",
    "axios": "^1.7.9",
    "class-variance-authority": "^0.7.1",
    "clsx": "^2.1.1",
    "dotenv": "^16.4.7",
    "lucide-react": "^0.468.0",
    "next": "14.2.15",
    "react": "^18",
    "react-dom": "^18",
    "react-icons": "^5.4.0",
    "tailwind-merge": "^2.5.5",
    "tailwindcss-animate": "^1.0.7"
  },
  "devDependencies": {
    "@types/node": "^20",
    "@types/react": "^18",
    "@types/react-dom": "^18",
    "eslint": "^8",
    "eslint-config-next": "14.2.15"
  }
}
```

The status bar at the bottom indicates the file is in the `package.json` folder, with a search bar and various icons.








Content

Product + ...

Nike Metcon 8

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🔍 Search list

-  Nike Metcon 8
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-  Nike Air Force 1 Mid '07
-  Nike Court Vision Low Next Nature
-  Nike Air Force 1 PLT.AF.FORM
-  Nike Air Force 1 React
-  Air Jordan 1 Elevate Low

Product

## Nike Metcon 8

Product Name

... 

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Slug

nike-metcon-8

Generate