

## Day 3-API INTEGRATION AND DATA MIGRATION

The focus for Day 3 is integrating APIs and migrating data into Sanity CMS to build a functional marketplace backend. Students will learn how to utilize APIs for reference, migrate data into Sanity CMS, and ensure compatibility with their templates. This approach replicates real-world practices and prepares students to handle diverse client requirements, including integrating headless APIs or migrating existing data from popular eCommerce platforms.

### Document Title: “Day 3 – API Integration Report”

#### [FASHION SHOP]

What to Submit:

- A report documenting
- API integration process
- Adjustments made to schemas
- Migration steps and tools used

Screenshots of :

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

```
Microsoft Windows [Version 10.0.19045.5371]
(c) Microsoft Corporation. All rights reserved.

D:\QUARTER 2\Projects\Hackathon-3\e-commerce>npm create sanity@latest -- --project 9rod1qmk --dataset production --template clean
You are logged in as aishwariyagopal@gmail.com using Google
Fetching existing projects

? 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
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'

added 921 packages, and audited 1296 packages in 4m

247 packages are looking for funding
  run 'npm fund' for details

found 0 vulnerabilities

added 8 packages, and audited 1304 packages in 16s

247 packages are looking for funding
  run 'npm fund' for details

found 0 vulnerabilities

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

D:\QUARTER 2\Projects\Hackathon-3\e-commerce>
```

The tab was snoozed to save memory. Disable tab snoozing Don't show again

Ashwariya Gopal template-1 30 days left in trial ? A

Getting started Overview Members Studios Datasets Access Activity Usage Plan API Settings

Webhooks

CORS origins

Tokens

## GROQ-powered webhooks

HTTP callbacks to a given URL triggered by changes in your content lake

[Learn more about webhooks](#)

[+ Create webhook](#)

0 of 2 webhooks (2 included in plan) [Get more webhooks](#)

Ashwariya Gopal template-1 30 days left in trial ? A

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CORS origins

Tokens

## CORS origins

Hosts that can connect to the project API.

ORIGIN	CREDENTIALS	CREATED	
http://localhost:3000	Allowed	53 minutes	
http://localhost:3333	Allowed	54 minutes	

[+ Add CORS origin](#)

The tab was snoozed to save memory.

Disable tab snoozingDon't show again

S Ashwariya Gopal

template-1

30 days left in trial

A

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Tokens

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

Name

Examples: "Employee import", "Website preview" or "PDF generator".

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.

What's new

Sanity Create Content Mapping, Visual Editing, and Content Releases

S Ashwariya Gopal

template-1

30 days left in trial

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Tokens

Tokens

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

NAME	PERMISSIONS	CREATED
daythree	Developer	just now

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

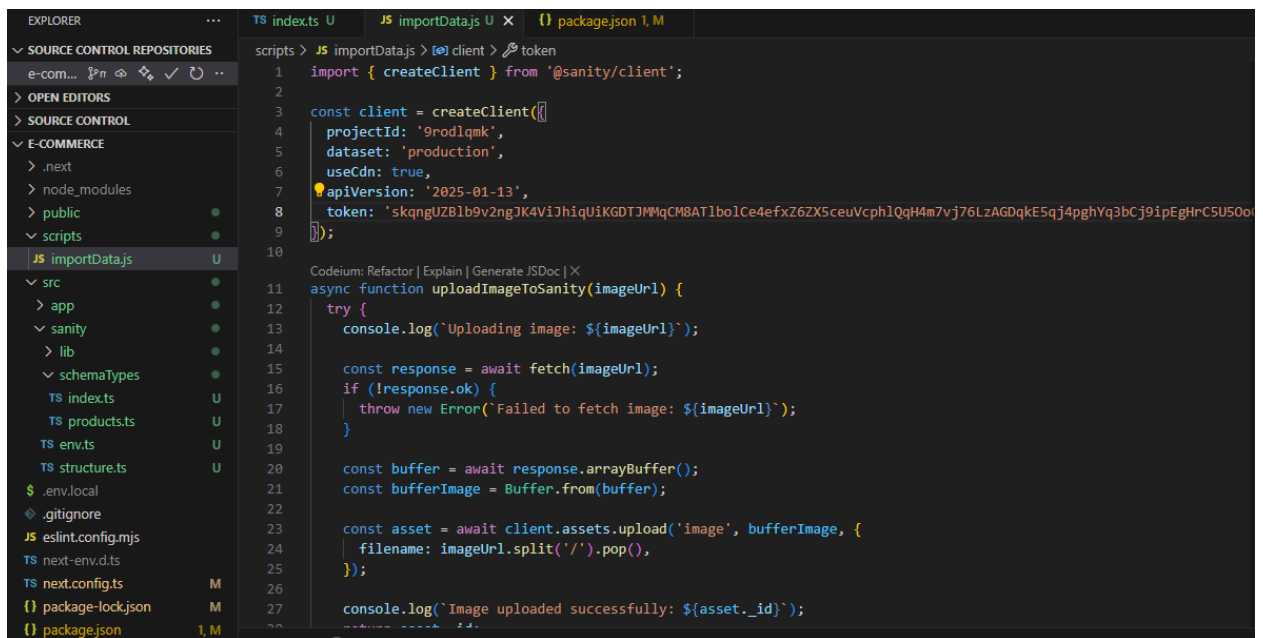
skqngUZB1b9v2ngJK4Vi3hiqUiKGDTJMMqCM8AT1bo1Ce4efxZ6ZX5ceuVcphlQqH4m7vj76LzAGDqkE5qj4pg  
hYq3bCj9ipEgHrC5U50o0zUMVJV1R7Th45ZYbehArzSP6mimk5S92rWUB0raXzXpyu2tMNS6WMuRqVEPqStroL  
H1zgZkQv

What's new

```
1
2 import { defineType } from "sanity";
3
4 export default defineType({
5   name: "products",
6   title: "Products",
7   type: "document",
8   fields: [
9     {
10      name: "name",
11      title: "Name",
12      type: "string",
13    },
14    {
15      name: "price",
16      title: "Price",
17      type: "number",
18    },
19    {
20      name: "oldPrice",
21      title: "Old Price",
22      type: "number",
23      description: "Original price before discount (optional)",
24    },
25    {
26      name: "discountPercent",
27      title: "Discount Percent",
28      type: "number",
```

```
29      description: "Discount percentage applied (optional)",
30    },
31  ],
32  {
33    name: "description",
34    title: "Description",
35    type: "text",
36  },
37  {
38    name: "image",
39    title: "Image",
40    type: "image",
41  },
42  {
43    name: "category",
44    title: "Category",
45    type: "string",
46    options: {
47      list: [
48        { title: "T-Shirt", value: "tshirt" },
49        { title: "Short", value: "short" },
50        { title: "Jeans", value: "jeans" },
51        { title: "Hoodie", value: "hoodie" },
52        { title: "Shirt", value: "shirt" },
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Default + Create 🔍

Structure Vision Schedules

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Content

Products

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

Products

Search list

Beige Slim-Fit Jogger Pants

**Black Striped T-Shirt**

Checkered Shirt

LOOSE FIT BERMUDA SHORTS

Vertical Striped Shirt

Sleeve Stripe T-Shirt

COURAGE GRAPHIC T-SHIRT

Black Striped T-Shirt

🔗 💬 ⋮ ✕

Products

# Black Striped T-Shirt

Name

⋮ ↗

Black Striped T-Shirt

Price

⋮ ↗

120

Default + Create 🔍

Structure Vision Schedules

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DATASET

API VERSION

CUSTOM API VERSION

PERSPECTIVE ⓘ

QUERY URL [COPY TO CLIPBOARD]

production ▼

Other ▼

v2025-02-04

raw ▼

https://9rod1qmk.api.sanity.io/v2025-02-04/data/quer📄

QUERY

PARAMS

RESULT

\*[\_type == "products"]

```
{
  "type": "products"
}
```

[...] 17 items

▼ 0: {...} 14 properties

\_rev: X3gagG5Hclh5yR4bNI83mJ

description: These comfortable gray jogger pants are perfect for relaxed days or light workouts. Featuring a slim fit and cuffed ankles, they offer a modern and sporty look. The elastic waistband with an adjustable drawstring ensures a snug fit, while the soft fabric provides comfort for everyday wear. Whether you're lounging at home or heading out for a casual outing, these joggers are versatile enough to pair with a variety of tops. The neutral gray color adds a sleek, minimalist touch to your casual wardrobe.

isNew: true

\_createdAt: 2025-02-04T14:58:09Z

\_updatedAt: 2025-02-04T14:58:09Z

▼ sizes: [...] 4 items

0: L

1: M

2: XXL

3: XL