

"DAY 3-API Integration Report-[Nike Ecommerce] "

. Create Sanity Project:

```
Microsoft Windows [Version 10.0.22631.4602]
(c) Microsoft Corporation. All rights reserved.

C:\Users\hp\Desktop\hackathon .figma\hackathon>code .
C:\Users\hp\Desktop\hackathon .figma\hackathon>npm create sanity@latest

> hackathon@0.1.0 npx
> create-sanity

⚠ No authentication credentials found in your Sanity config
? Please log in or create a new account Google

Opening browser at https://api.sanity.io/v1/auth/login/google?type=token&label=Ayesha%2F*Windows&origin=http%3A%2F%2Flocalhost%3A4321%2Fcallback
✓ Login successful
✓ Fetching existing projects

? Create a new project or select an existing one Create new project
? Your project name: day3
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 N
ext.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
⚠

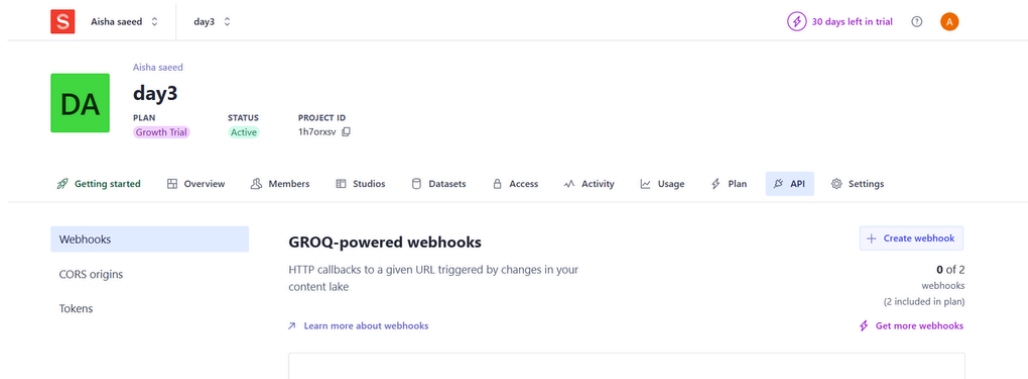
? Do you want to use TypeScript? Yes
? Would you like an embedded Sanity Studio? Yes
? What route do you want to use for the Studio? /studio
? Select project template to use Clean project with no predefined schema t
ypes
? Would you like to add the project ID and dataset to your environment file? Yes
```

. Successfully Create:

Run 'npm audit' for details.

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

C:\Users\hp\Desktop\hackathon .figma\hackathon>



S

Aisha saeed

day3

30 days left in trial

A

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CORS origins

Tokens

CORS origins

+ Add CORS origin

Hosts that can connect to the project API.

ORIGIN	CREDENTIALS	CREATED	
http://localhost:3000	Allowed	38 minutes	
http://localhost:3333	Allowed	42 minutes	

.Add API Token:

S

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30 days left in trial

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+ Add API token

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

NAME	PERMISSIONS	CREATED
<div><div>Name</div><div>Examples: "Employee import", "Website preview" or "PDF generator".</div><div>daythree</div></div>		
<div><div>Permissions</div><div>Choose the access privileges for the token.</div><div><div>Contributor</div><div><input type="radio"/> Read and write access to draft content within all datasets, with no access to project settings. (Tokens: read+write drafts)</div><div><input type="radio"/> Deploy Studio (Token only)</div><div>Access to deploy Sanity Studio and GraphQL APIs to our hosted service.</div><div>Developer</div><div><input checked="" type="radio"/> Read and write access to all datasets, with access to project settings for developers. (Tokens: read+write)</div></div></div>		

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+ Add API token

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

NAME	PERMISSIONS	CREATED	
daythree	Developer	5 minutes	

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

skn1LX2J7s2y3daqCIYLjhEVzQTP6SjhIyo6JRxY6zn7dJwaJhwQt4HjTAk6hfRQtbfw3Zojw1rFC8GMV6ZIEWD2BNh1e0L2dIRroHe2eLhLydH2dT0Z2H0kRz1FBT4v08BRou1xPdGv15USEfNoWp1q92aAT3mAuUBWjGKLCvLY7592Sfa

SchemaType File Code:

The screenshot shows the VS Code interface with the Explorer on the left and the Editor on the right. The Explorer shows a project structure with folders like 'src', 'components', 'lib', 'projectCard', 'sanity', and 'schemaTypes'. The 'product.ts' file is selected under 'schemaTypes'. The Editor shows the following TypeScript code:

```
src > sanity > schemaTypes > TS product.ts > productSchema > fields
1 export const productSchema = {
2   name: 'product',
3   title: 'Product',
4   type: 'document',
5   fields: [
6     {
7       name: 'productName',
8       title: 'Product Name',
9       type: 'string',
10    },
11    {
12      name: 'category',
13      title: 'Category',
14      type: 'string',
15    },
16    {
17      name: 'price',
18      title: 'Price',
19      type: 'number',
20    },
21    {
22      name: 'inventory',
23      title: 'Inventory',
24      type: 'number',
25    },
26    {
27      name: 'colors',
28      title: 'colors',
29      type: 'array',
30      of: [{ type: 'string' }],
31    },
32    {
33      name: 'status',
34      title: 'Status',
35      type: 'string',
36    },
37  ],
38 }
```

. Changes In package.json:

The screenshot shows the VS Code interface with the Explorer on the left and the Editor on the right. The Explorer shows a project structure with folders like 'src', 'components', 'lib', 'projectCard', 'sanity', and 'schemaTypes'. The 'package.json' file is selected. The Editor shows the following JSON code:

```
{
  "name": "hackathon",
  "version": "0.1.0",
  "private": true,
  "type": "module",
  "scripts": {
    "dev": "next dev",
    "build": "next build",
    "start": "next start",
    "lint": "next lint",
    "data-migration": "node script/importMigration.mjs"
  }
}
```

Create data-migration.mjs file:

```
scripts > JS data-migration.mjs > client
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 Debug this code | Explain this function to me | Optimize this function's Speed | Generate Doc String | Generate Unit test
23 async function uploadImageToSanity(imageUrl) {
24   try {
25     console.log('Uploading image: ${imageUrl}');
26     const response = await axios.get(imageUrl, { responseType: 'arraybuffer' });
27     const buffer = Buffer.from(response.data);
28     const asset = await client.assets.upload('image', buffer, {
29       filename: imageUrl.split('/').pop()
30     });
31     console.log('Image uploaded successfully: ${asset._id}');
32     return asset._id;
33   } catch (error) {
34     console.error('Failed to upload image:', imageUrl, error);
35     return null;
36   }
37 }
```

```
src/co... 38 Debug this code | Explain this function to me | Optimize this function's Speed | Generate Doc String | Generate Unit test
src/app 39 async function importData() {
40   try {
41     console.log('migrating data please wait...');
42
43     // API endpoint containing car data
44     const response = await axios.get('https://template-03-api.vercel.app/api/products');
45     const products = response.data.data;
46     console.log("products ==>> ", products);
47
48     for (const product of products) {
49       let imageRef = null;
50       if (product.image) {
51         imageRef = await uploadImageToSanity(product.image);
52       }
53
54       const sanityProduct = {
55         _type: 'product',
56         productName: product.productName,
57         category: product.category,
58         price: product.price,
59         inventory: product.inventory,
60         colors: product.colors || [], // Optional, as per your schema
61         status: product.status,
62         description: product.description,
63         image: imageRef ? {
64           _type: 'image',
65           asset: {
66             _type: 'reference',
67             _ref: imageRef,
68           },
69         } : undefined,
70       };
71     }
```

```
    await client.create(sanityProduct);
  }

  console.log('Data migrated successfully!');
} catch (error) {
  console.error('Error in migrating data ==>> ', error);
}

importData();
```

Product



🔍 Search list

-  Nike Waffle One SE
-  Nike Metcon 8
-  Nike Blazer Mid '77 Vintage
-  Nike Renew Run 3
-  Nike Zoom Fly 5
-  Nike Pegasus 40
-  Nike Air Max 270
-  Nike Court Vision Low
-  Nike Dri-FIT UV Hyverse
-  Nike Dunk Low Retro SE
- 

Nike Waffle One SE



Product

Nike Waffle One SE

Product Name

Nike Waffle One SE

Category

Women's Shoes

Price

7895

Inventory

00

Activate Windows

Go to Settings to activate Windows.

Nike Waffle One SE

Pink

...


+ Add item

Status

Just In

Image

...



Activate Windows
Go to Settings to activate Windows.

Description

The Nike Waffle One SE updates a retro classic with fresh details. Its lightweight mesh, suede accents, and signature waffle sole combine style and performance in one standout shoe.

.Add QUERY:

Skip to the main content

Help

Products

Sign In

Find a Store

New & Featured

Men

Women

Kids

Sale

SNKRS

Search

Heart

Shopping Cart

Default

+ Create

Q

Structure

Vision

Schedules

Tasks

0

DATASET

API VERSION

CUSTOM API VERSION

PERSPECTIVE

QUERY URL (COPY TO CLIPBOARD)

production

Other

v2025-01-19

raw

https://1h7onxsv.apl.sanity.io/v2025-01-19/data/query/production?query=

QUERY

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What's new

RESULT

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. Successfully Fetch Product Data:



The Nike Dunk Low Retro SE brings vintage vibes with a modern twist. Featuring premium materials and...

\$9695

Add To Cart



The Nike Court Vision Low blends basketball-inspired style with everyday comfort. Featuring a sleek...

\$5695

Add To Cart



The Nike Air Max 270 features the largest Air unit yet for exceptional cushioning. Its bold design...

\$13295

Add To Cart



The Nike Zoom Fly 5 provides next-level speed with responsive cushioning and a sleek, aerodynamic de...

\$11295

Add To Cart



The Nike Air Force 1 Mid '07 delivers timeless style with premium leather and mid-cut design. Perfec...

\$10795

Add To Cart



The Nike Court Vision Low Next Nature combines retro basketball style with modern sustainability. Ma...

\$4995

Add To Cart



The Nike Air Force 1 PLT.AF.ORM elevates the iconic AF1 silhouette with bold design updates. Featur...

\$8695

Add To Cart



The Nike Standard Issue Basketball Jersey delivers a lightweight, breathable fit for top performance...

\$2895

Activate Windows
Go to Settings to activate Windows.

Add To Cart

Cart Summary

\$2495.00



\$9695.00



\$5695.00



\$2895.00



\$2495.00

