

# General E-Commerce

## API Integration Report

**“LuxeSeaters”**

Owner: "Syed Hamail"



Syed Hamail Mohi Uddin Qazi

Marketplace-Builder\_Hackathon

⚡ 23 days left in trial



Syed Hamail Mohi Uddin Qazi

## Marketplace-Builder\_Hackathon

PLAN

Growth Trial

STATUS

Active

PROJECT ID

i9avlfis



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](#)



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## CORS origins

Hosts that can connect to the project API.

+ Add CORS origin

ORIGIN	CREDENTIALS	CREATED	
http://localhost:3000	Allowed	1 week	
http://localhost:3333	Allowed	1 week	

## Tokens

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

+ Add API token

NAME	PERMISSIONS	CREATED	
Marketplace-Builder_Hackathon	Developer	6 days	

What's new

Sanity Create Content Mapping, Visual Editing, and Content Releases

src > sanity > schemaTypes > TS productts > ...

Anas Seth, 3 weeks ago | 1 author (Anas Seth)

```
1 export default {
2   name: 'product',
3   type: 'document',
4   title: 'Product',
5   fields: [
6     {
7       name: 'name',
8       type: 'string',
9       title: 'Name',
10      validation: (Rule: any) => Rule.required().error('Name is required'),
11    },
12    {
13      name: 'image',
14      type: 'image',
15      title: 'Image',
16      options: {
17        hotspot: true,
18      },
19      description: 'Upload an image of the product.',
20    },
21    {
22      name: 'price',
23      type: 'string',
24      title: 'Price',
25      validation: (Rule: any) => Rule.required().error('Price is required'),
26    },
27    {
28      name: 'description',
29      type: 'text',
30      title: 'Description',
31      validation: (Rule: any) =>
32        Rule.max(150).warning('Keep the description under 150 characters.'),
33    },
34    {
35      name: 'discountPercentage',
36      type: 'number',
37      title: 'Discount Percentage',
38      validation: (Rule: any) =>
39        Rule.min(0).max(100).warning('Discount must be between 0 and 100.'),
40    },
41    {
42      name: 'isFeaturedProduct',
43      type: 'boolean',
44      title: 'Is Featured Product',
45    },
46  ],
47 }
```

src > sanity > schemaTypes > TS productts > ...

```
1   export default {
5     fields: [
27       {
28         name: 'description',
29         type: 'text',
30         title: 'Description',
31         validation: (Rule: any) =>
32           Rule.max(150).warning('Keep the description under 150 characters.'),
33       },
34       {
35         name: 'discountPercentage',
36         type: 'number',
37         title: 'Discount Percentage',
38         validation: (Rule: any) =>
39           Rule.min(0).max(100).warning('Discount must be between 0 and 100.'),
40       },
41       {
42         name: 'isFeaturedProduct',
43         type: 'boolean',
44         title: 'Is Featured Product',
45       },
46       {
47         name: 'stockLevel',
48         type: 'number',
49         title: 'Stock Level',
50         validation: (Rule: any) => Rule.min(0).error('Stock level must be a positive number.'),
51       },
52       {
53         name: 'category',
54         type: 'string',
55         title: 'Category',
56         options: {
57           list: [
58             { title: 'Chair', value: 'Chair' },
59             { title: 'Sofa', value: 'Sofa' },
60           ],
61         },
62         validation: (Rule: any) => Rule.required().error('Category is required'),
63       },
64     ],
65   };
66
```

src > scripts > JS import-data.mjs > uploadImageToSanity

Anas Seth, 3 weeks ago | 1 author (Anas Seth)

```
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 const __filename = fileURLToPath(import.meta.url);
8 const __dirname = path.dirname(__filename);
9 dotenv.config({ path: path.resolve(__dirname, '../../.env') });
10
11 const client = createClient({
12   projectId: process.env.NEXT_PUBLIC_SANITY_PROJECT_ID,
13   dataset: process.env.NEXT_PUBLIC_SANITY_DATASET,
14   token: process.env.SANITY_API_TOKEN,
15   apiVersion: '2025-01-15',
16   useCdn: false,
17 });
```

Tabnine | Edit | Test | Explain | Document

```
19 async function uploadImageToSanity(imageUrl) {
20   try {
21     console.log(`Uploading Image : ${imageUrl}`);
22     const response = await axios.get(imageUrl, { responseType: 'arraybuffer' });
23     const buffer = Buffer.from(response.data);
24     const asset = await client.assets.upload('image', buffer, {
25       filename: imageUrl.split('/').pop(),
26     });
27     console.log(`Image Uploaded Successfully : ${asset._id}`);
28     return asset._id;
29   }
30   catch (error) {
31     console.error('Failed to Upload Image:', imageUrl, error);
32     return null;
33   }
34 }
```

Tabnine | Edit | Test | Explain | Document

```
36 async function importData() {
37   try {
38     console.log('Fetching Product Data From API ...');
39
40     const response = await axios.get("https://next-ecommerce-template-4.vercel.app/api/product")
41     const products = response.data.products;
42   }
```



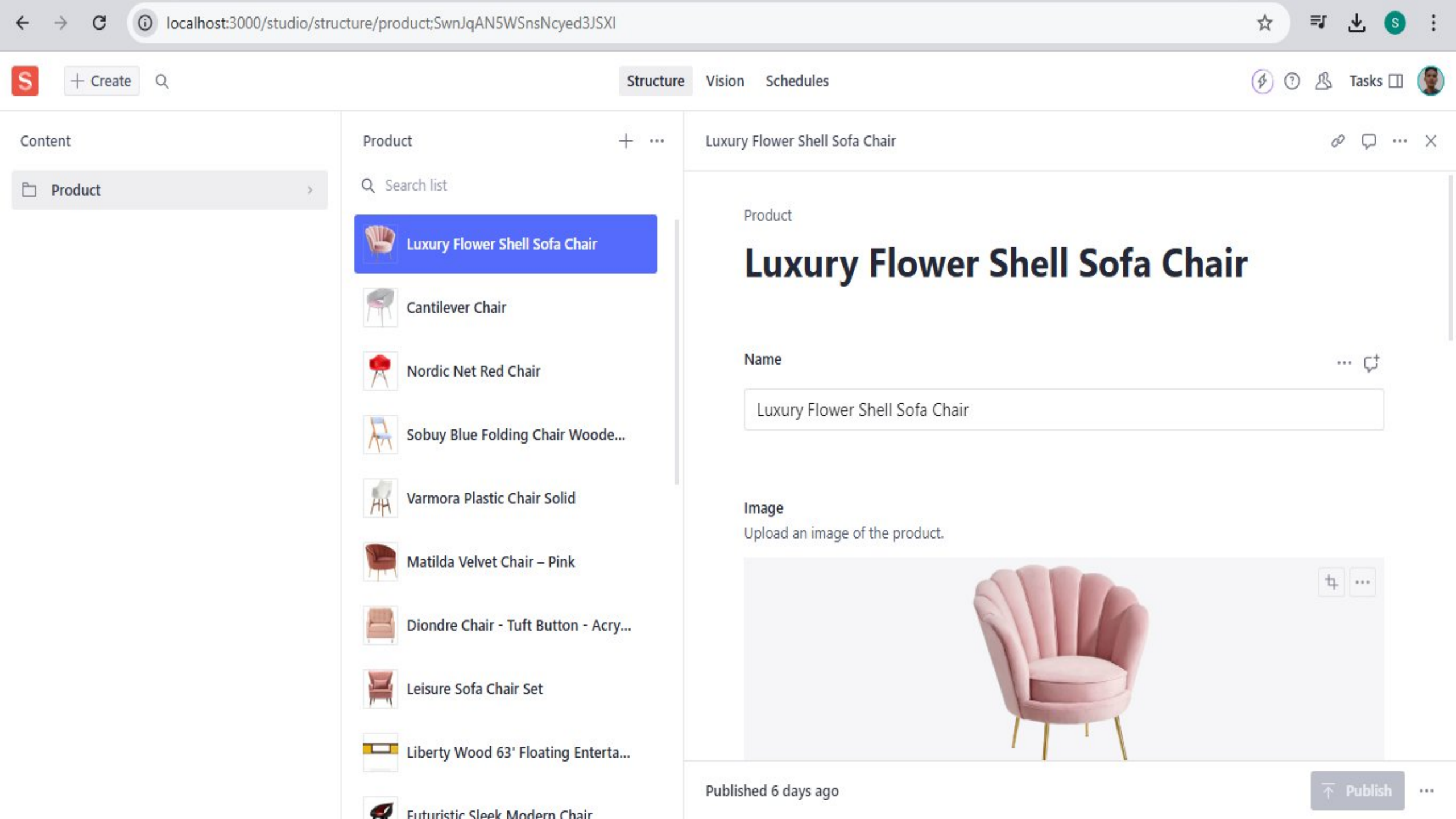
src > scripts > JS import-data.mjs > uploadImageToSanity

```
36   async function importData() {
37
40     const response = await axios.get("https://next-ecommerce-template-4.vercel.app/api/product");
41     const products = response.data.products;
42
43     for (const item of products) {
44       console.log(`Processing Item: ${item.name}`);
45
46       let imageRef = null;
47       if (item.imagePath) {
48         imageRef = await uploadImageToSanity(item.imagePath);
49       }
50
51       const sanityItem = {
52         _type: 'product',
53         name: item.name,
54         category: item.category || null,
55         price: item.price,
56         description: item.description || '',
57         discountPercentage: item.discountPercentage || 0,
58         stockLevel: item.stockLevel || 0,
59         isFeaturedProduct: item.isFeaturedProduct,
60         image: imageRef
61         ? {
62           _type: 'image',
63           asset: {
64             _type: 'reference',
65             _ref: imageRef,
66           },
67         }
68         : undefined,
69       };
70
71       console.log(`Uploading ${sanityItem.category} - ${sanityItem.name} to Sanity !`);
72       const result = await client.create(sanityItem);
73       console.log(`Uploaded Successfully: ${result._id}`);
74       console.log("-----")
75       console.log("\n\n")
76     }
77
78     console.log('Data Import Completed Successfully !');
79   } catch (error) {
80     console.error('Error Importing Data : ', error);
81   }
82 }
83
84 importData();
85
```

```
🔧 .env
1  NEXT_PUBLIC_SANITY_API_VERSION="2025-01-30"
2  NEXT_PUBLIC_SANITY_PROJECT_ID="i9avlfis"
3  NEXT_PUBLIC_SANITY_DATASET="production"
4  SANITY_API_TOKEN="sk1Th3865tTTOCIXQMgSJ50yVfsZt6aBgSzs8pntYSV"
5
```

```
() package.json > ...
You, 5 days ago | 2 authors (Anas Seth and one other)
1  {   Anas Seth, 3 weeks ago • Studio Setup Testing
2    "name": "sanity-nextjs",
3    "version": "0.1.0",
4    "private": true,
   ▶ Debug
5    "scripts": {
6      "dev": "next dev",
7      "build": "next build",
8      "start": "next start",
9      "lint": "next lint",
10     "import-data": "node src/scripts/import-data.mjs"
11   },
```





localhost:3000/studio/vision

S

+ Create

Q

Structure

Vision

Schedules

⚡

?

👤

Tasks

DATASET

API VERSION

CUSTOM API VERSION

PERSPECTIVE ?

QUERY URL [COPY TO CLIPBOARD]

production

Other

v2025-01-30

raw

https://i9avlfis.api.sanity.io/v2025-01-30/data/query/prod

QUERY

PARAMS

1

\*[type == product]

1

{

2

3

}

RESULT

[...] 54 items

▼ 0: {...} 7 properties

userId: user123

\_createdAt: 2025-02-03T08:45:00Z

\_rev: 5u5qSfeSP8Fhinu4SAVY0y

\_type: cart

\_id: 5u5qSfeSP8Fhinu4SAVY3d

\_updatedAt: 2025-02-03T08:45:00Z

▼ items: [...] 1 item

▼ 0: {...} 11 properties

description: A sleek outdoor chair with natural wooden elements and a modern look.

rating: 500

imagePath: https://next-ecommerce-template-4.vercel.app/product/Chair (5).png

quantity: 1

id: 1

isFeaturedProduct: true

category: Chair

▶ Fetch

▶ Listen

Execution: 17ms    End-to-end: 352ms

Save result as

JSON

CSV



localhost:3000

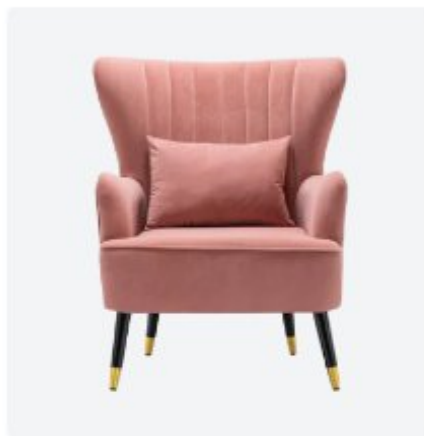


## Trending Products



Alpha Chair – Solid Ebo...

Rs 900 ~~Rs-990~~



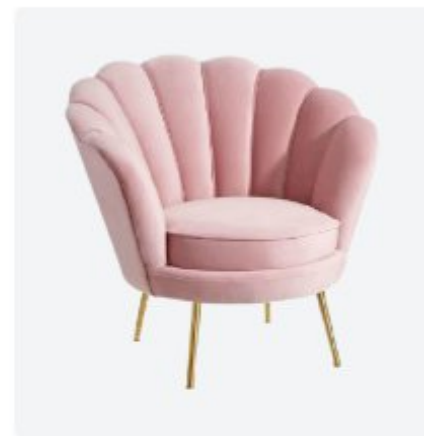
Leisure Sofa Chair Set

Rs 1800 ~~Rs-2124~~



Cantilever Chair

Rs 780 ~~Rs-897~~



Luxury Flower Shell Sof...

Rs 2500

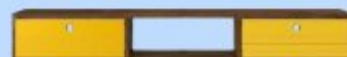
23% off in all products

[Shop Now](#)



23% off in all products

[View Collection](#)



Rapson Thirty-Nine Guest Chair

Rs 1300 ~~Rs-1495~~







Alpha Chair – Solid Ebonised Oak

Rs 900 ~~Rs-990~~



Leisure Sofa Chair Set

Rs 1800 ~~Rs-2124~~

Product	Price	Quantity	Total	Cart Totals
<div></div> <div>Luxury Flower Shell Sofa Chair</div>	Rs 2500	<input type="text" value="2"/>	Rs 5000	<div><div>Subtotals:</div><div>Rs 9560</div></div> <div><div>Shipping:</div><div>Rs 200</div></div> <div><div>Totals:</div><div>Rs 9760</div></div> <div>Proceed To Checkout</div>
<div></div> <div>Alpha Chair – Solid Ebonised Oak</div>	Rs 900	<input type="text" value="3"/>	Rs 2700	
<div></div> <div>Cantilever Chair</div>	Rs 780	<input type="text" value="2"/>	Rs 1560	
<div></div> <div>Varmora Plastic Chair Solid</div>	Rs 100	<input type="text" value="3"/>	Rs 300	

Clear Cart

# Day 3 Checklist:

## Self-Validation Checklist:

### *API Understanding:*

- ✓

### Schema Validation:

- ✓

### Data Migration:

- ✓

### API Integration in Next.js:

- ✓

### Submission Preparation:

- ✓

# **Hackathon 03**

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## **Day 02**

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## **Completed**

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