

# Document Title: "Day 3 - API Integration Report - [Miraqa]"

- 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

```
✓ 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
? File \src\app\studio\[[...tool]]\page.tsx already exists. Do you want to overwrite it? Yes
? File \sanity.config.ts already exists. Do you want to overwrite it? Yes
? File \sanity.cli.ts already exists. Do you want to overwrite it? Yes
? Select project template to use Clean project with no predefined schema types
? File \src\sanity\env.ts already exists. Do you want to overwrite it? Yes
? File \src\sanity\lib\client.ts already exists. Do you want to overwrite it? Yes
? File \src\sanity\lib\live.ts already exists. Do you want to overwrite it? Yes
? File \src\sanity\lib\image.ts already exists. Do you want to overwrite it? Yes
? File \src\sanity\schemaTypes\index.ts already exists. Do you want to overwrite it? Yes
? File \src\sanity\structure.ts already exists. Do you want to overwrite it? Yes
? 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 5 packages, removed 11 packages, changed 25 packages, and audited 1310 packages in 2m

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

1 moderate severity vulnerability

To address all issues, run:
  npm audit fix --force
```

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```

```
Run 'npm audit' for details.
```

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

## Webhooks

CORS origins

Tokens

## CORS origins

+ Add CORS origin

Hosts that can connect to the project API.

ORIGIN	CREDENTIALS	CREATED	
http://localhost:3000	Allowed	13 minutes	
http://localhost:3333	Allowed	14 minutes	

## Tokens

+ Add API token

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

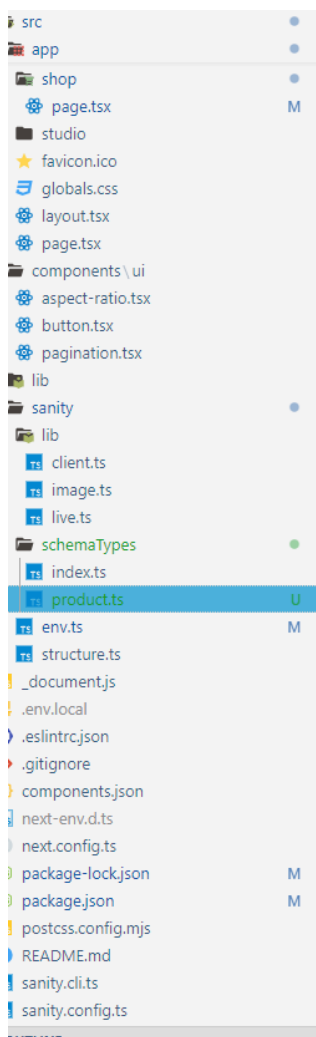
NAME	PERMISSIONS	CREATED	
backapi	Developer	8 minutes	

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

```
sk5X7PsoMwt20kNthAdQIvgXGFvP6TlRq1WrpSggmvcn13ZaPDr9pCbEwMrsMM8Ex6cfZGdFjTA4LKKPa0TwC  
GyvyNY3k2SEwDrt4pP5YLo6AHSccZLqCrysIf1UkvL6pxJCnMEHw1Q8QtWIybN7HY87BBwUF3WpqTV0oGERGO  
CgEsaU0mrk
```

What's new

Sanity Create Content Mapping, Visual Editing,  
and Content Releases



```
1 import { defineType } from "sanity"
2
3 export const product = defineType({
4   name: "product",
5   title: "Product",
6   type: "document",
7   fields: [
8     {
9       name: "title",
10      title: "Title",
11      validation: (rule) => rule.required(),
12      type: "string"
13    },
14    {
15      name: "description",
16      type: "text",
17      validation: (rule) => rule.required(),
18      title: "Description",
19    },
20    {
21      name: "productImage",
22      type: "image",
23      validation: (rule) => rule.required(),
24      title: "Product Image"
25    },
26    {
27      name: "price",
28      type: "number",
29      validation: (rule) => rule.required(),
30      title: "Price",
31    },
32    {
33      name: "tags",
34      type: "array",
35      title: "Tags",
36      of: [{ type: "string" }]
37    },
38    {
39      name: "dicountPercentage",
40      type: "number",
41      title: "Discount Percentage",
42    },
43    {
44      name: "isNew"
```

```
import { createClient } from '@sanity/client';

const client = createClient({
  projectId: 'pgn6ioec',
  dataset: 'production',
  useCdn: true,
  apiVersion: '2025-01-13',
  token: 'sk5X7PsoMwt20kNThAdQIvgXGFvP6Tlrq1WrpSggmvcnl3ZaPDr9pCbEwMrsMM8Ex6c
});
```

```
async function uploadImageToSanity(imageUrl) {
  try {
    console.log(`Uploading image: ${imageUrl}`);

    const response = await fetch(imageUrl);
    if (!response.ok) {
      throw new Error(`Failed to fetch image: ${imageUrl}`);
    }

    const buffer = await response.arrayBuffer();
    const bufferImage = Buffer.from(buffer);

    const asset = await client.assets.upload('image', bufferImage, {
      filename: imageUrl.split('/').pop(),
    });

    console.log(`Image uploaded successfully: ${asset._id}`);
    return asset._id;
  } catch (error) {
    console.error('Failed to upload image:', imageUrl, error);
    return null;
  }
}
```

```
async function uploadProduct(product) {
  try {
    const imageId = await uploadImageToSanity(product.imageUrl);

    if (imageId) {
      const document = {
        _type: 'product',
        title: product.title,
        price: product.price,
        productImage: {
          type: 'image'
        }
      };
    }
  }
}
```

```

{
  "name": "my-app",
  "version": "0.1.0",
  "private": true,
  "type": "module",
  ▶ Debug
  "scripts": {
    "dev": "next dev",
    "build": "next build",
    "start": "next start",
    "lint": "next lint",
    "import-data": "node script/importData.js"
  },
  "dependencies": {
    "@radix-ui/react-aspect-ratio": "^1.1.0",
    "@radix-ui/react-slot": "^1.1.1",
    "@sanity/client": "^6.27.2",
    "@sanity/image-url": "^1.1.0",
    "@sanity/vision": "^3.74.1",
    "axios": "^1.7.9",
    "class-variance-authority": "^0.7.1",
    "clsx": "^2.1.1",
    "dotenv": "^16.4.7",
    "lucide-react": "^0.468.0",
    "next": "15.0.3",
    "next-sanity": "^9.8.51",
    "react": "^18.3.1",
    "react-dom": "^18.3.1",
    "sanity": "^3.74.1",
    "styled-components": "^6.1.15",
    "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": "15.0.3",
    "postcss": "^8",
    "tailwindcss": "^3.4.1",
    "typescript": "^5"
  }
}

```

Default

+

🔍

Structure Vision Schedules

🔗 ⌚ 👤

Drafts

🕒 👤

Content


Product


Product


+


...


🔍 Search list


 Sunny Chic


 Reflective Haven


 Modern Serenity


 Timeless Elegance


 Nordic Elegance

 Serene Seat

 Sleek Living

 Tropical Vibe

 Zen Table

 Pure Aura


Published

Draft

Sunny Chic

capture the spirit of summer all year round. From sunny yellows and soft neutrals to playful patterns and textures, this collection effortlessly combines comfort with

Product Image



Price

400

Default

+

🔍

Structure Vision Schedules

🔗 ⌚ 👤

Drafts

🕒 👤

DATASET

API VERSION

CUSTOM API VERSION

PERSPECTIVE

QUERY URL [COPY TO CLIPBOARD]

production

Other

v2025-02-06

raw

https://pgn6ioec.api.sanity.io/v2025-02-06/data/que

QUERY

RESULT

\*[type==product]

[...] 58 items

▼ 0: {...} 12 properties

price: 260

isNew: false

\_rev: 0Y16nHUEC5f1ALHQj2B7aF

\_type: product

description: Welcome to BoldNest—where fearless design meets comfort and creativity. Crafted for those who embrace individuality and bold expressions, BoldNest is more than just a piece of furniture; it's a statement. With its striking design, exceptional comfort, and modern aesthetics, BoldNest is perfect for anyone looking to add a unique touch to their home or office. The BoldNest collection combines daring colors, dynamic shapes, and high-quality materials to create an environment where style and comfort coexist in perfect harmony. Whether it's a chair, sofa, or accent piece, each item is designed to stand out while offering a welcoming space for relaxation and enjoyment. Its sturdy construction and thoughtful design ensure that BoldNest not only makes a bold visual impact but also provides lasting durability. Perfect for those who are looking to break away from the ordinary and make their home a reflection of their bold personality, BoldNest is an ideal choice for creating an energetic and unique atmosphere. Key Features: Bold and unique design that adds personality to any space High-quality materials for comfort, durability, and style Available in a variety of striking colors and patterns Perfect for modern homes and offices that embrace creativity Versatile design that complements contemporary and eclectic decor Transform your home into a space that reflects your bold, unique style with BoldNest—where standout design and comfort meet.

\_id: 0Y16nHUEC5f1ALHQj2B7cK

PARAMS

{

}



**Bold Nest**

Welcome to BoldNest—where fearless design meets comfort and creativity. Crafted for those who embrac...

\$260

- bold
- nest
- furniture
- modern
- contemporary

Add To Cart



**Marble Ease**

Introducing MarbleEase—a luxurious collection that brings the timeless elegance of marble into your ...

\$419

- marble
- luxury
- furniture
- modern
- elegance

Add To Cart



**Wood Chair**

Introducing the Wood Chair—a beautifully crafted piece that blends timeless simplicity with natural ...

\$100

- wood
- chair
- furniture
- classic
- rustic

Add To Cart



**Retro Vibe**

Introducing RetroVibe—a perfect blend of vintage charm and modern style, designed for those who appr...

\$340

- retro
- vintage
- furniture
- modern
- decor

Add To Cart

