

1: Create a Next.js Project

- I created a folder for a Next.js project, which was part of a UI/UX.
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2: Install Sanity

- After setting up the Next.js project, I installed **Sanity** using the Sanity CLI.
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3: Generate an API Token in Sanity

- Once Sanity was installed, I generated an **API Token** to access the Sanity backend.

+ Add API token

4: Add API Token to .env File

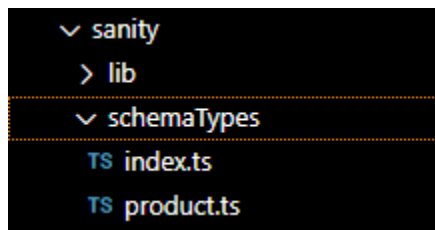
- I added the generated API Token to the `.env` file in my project for secure usage.
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5: Create `product.ts` in Sanity's Schema Folder

- Inside the Sanity project folder, I navigated to the `schemaType` folder and created a file named `product.ts`.
- I defined the product schema in this file.

6: Import the Schema in `index.ts`

- I imported the `product.ts` schema into the `index.ts` file to register it with Sanity.

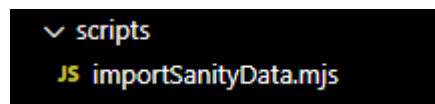


7: Create the `scripts` Folder

- In the root directory of my project, I created a folder named `scripts`.

8: Create `importSanityData.mjs`

- Inside the `scripts` folder, I created a file named `importSanityData.mjs`.
- In this file:
 - I added code provided by my instructor.
 - I included my **Sanity Project ID** and **API Token** for authentication.



9: Update `package.json` Scripts

- I updated the `scripts` section in the `package.json` file to include a script for importing data into Sanity.

```
"scripts": {  
  "dev": "next dev",  
  "build": "next build",  
  "start": "next start",  
  "lint": "next lint",  
  "import-data": "node scripts/importSanityData.mjs"  
},
```

10: Install Axios

- I installed the **Axios** library for making API requests.

```
C:\Users\Dell\Desktop\fully-functionally-e-commerce>npm install @sanity/client axios dotenv
```

11: Send Data to Sanity via API

- Using the code in `importSanityData.mjs`, I sent data from my API to the Sanity backend.

```
C:\Users\Dell\Desktop\fully-functionally-e-commerce>npm run import-data
```

12: Create Query to Fetch Data

- I wrote a query to fetch data from Sanity.
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13: Fetch Data in `next.config.ts`

- I fetched the data from Sanity in the `next.config.ts` file using the query.
 - I used the `map()` function to process the fetched data.
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14: Display Data in the Browser

- Finally, I displayed the fetched data on the browser by rendering it in the frontend.