TASK DAY#03

Create a Next.js Folder:

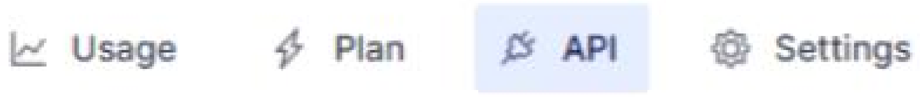
- I set up a new directory for the Next.js project, which was utilized in the UI/UX project.

Install Sanity:

- Once the Next.js folder was set up, I proceeded with installing **Sanity CMS.**

Generate API Token:

- After completing the Sanity installation, I created an **API Token** from the Sanity dashboard.



Add API Token to `.env` File:

- I added an **.env** file to the project directory and placed the **API Token** inside it for secure storage.

Create `schemaType` Folder in Sanity:

- Within the Sanity project folder, I made a directory called **schemaType.**
- Within this folder, I added two files: **food.ts** and **chef.ts.**

Import Schema Files in `index.ts`:

- I included the **food.ts** and **chef.ts** schema files in the **index.ts** file.

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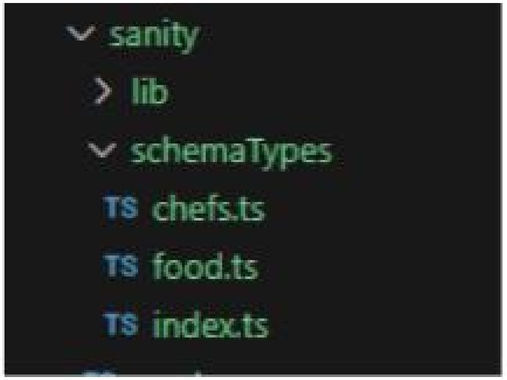


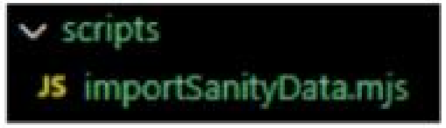
```
⌄ sanity
  › lib
  ⌄ schemaTypes
    TS chefs.ts
    TS food.ts
    TS index.ts
```

Create a Scripts Folder for Routing:

- I added a folder named **scripts** inside the **routes** directory of my project.

Add `importSanityData.mjs` File:

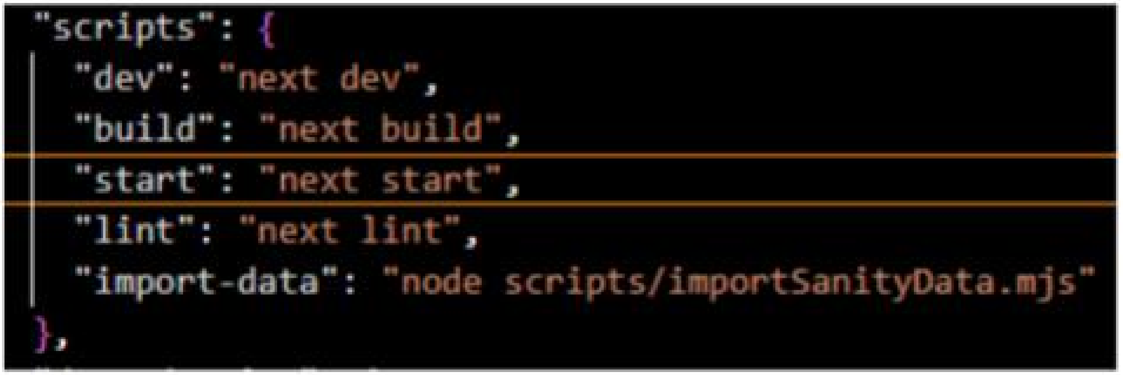
- Within the **scripts** folder, I created a file called **importSanityData.mjs.**
- In this file, I pasted the code provided by my mentor and added:
  - My **Sanity Project ID**.
  - My **Sanity API Token**



scripts
JS importSanityData.mjs

Add a Script in `package.json`:

- I included a script in the **package.json** file to execute the data import process.



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

Install Axios:

- I installed the **Axios** package to manage API requests efficiently.
- Command “**npm install @sanity/client axios dotenv**”

Send Data to Sanity Using API:

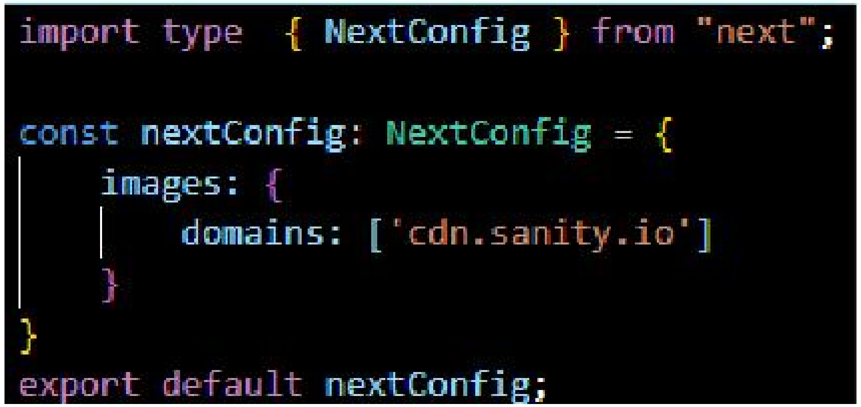
- I utilized the API along with the `**importSanityData.mjs**` script to transmit the necessary data to Sanity CMS.

Write Queries:

- I composed queries to retrieve the necessary data from Sanity CMS.

Fetch Data in `next.config.ts`:

- I configured the **next.config.ts** file to retrieve data from Sanity CMS
- I applied the **map function** to process the fetched data.



```
import type  { NextConfig } from "next";

const nextConfig: NextConfig = {
    images: {
        domains: ['cdn.sanity.io']
    }
}
export default nextConfig;
```

Display Data in the Browser:

- I rendered the fetched data from Sanity CMS onto the browser interface.