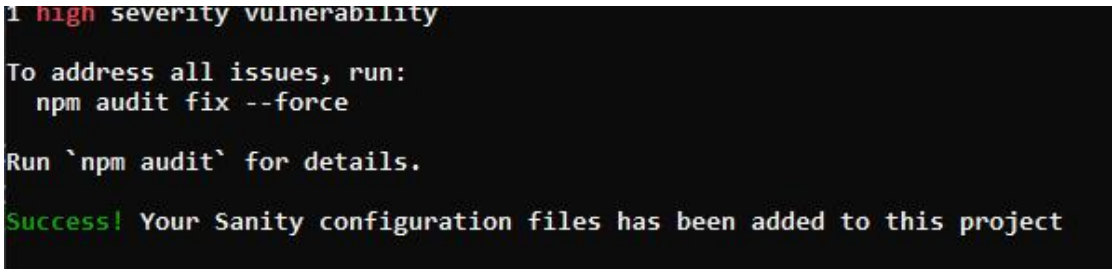
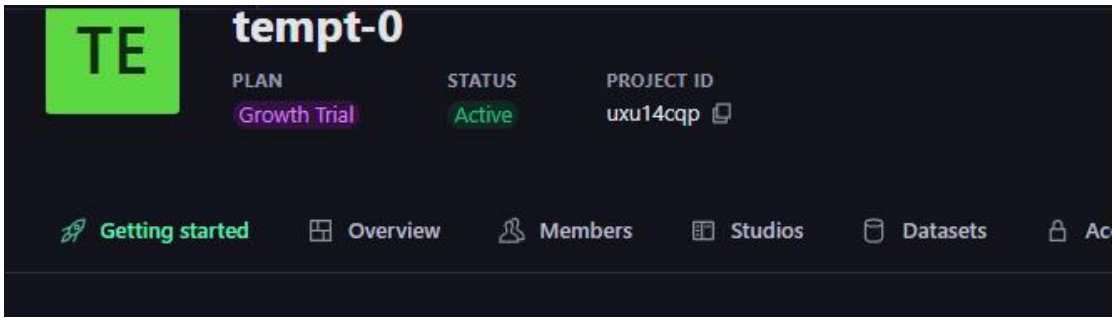
DAY 3 - API INTEGRATION AND DATA MIGRATION

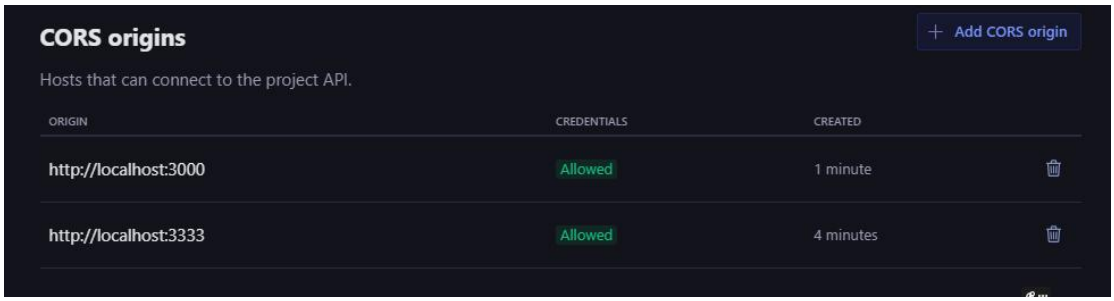
The goal for Day 3 is to integrate APIs and migrate data into Sanity CMS to create a fully functional backend for your marketplace. This process mirrors real-world practices, equipping you with the skills to integrate headless APIs and migrate data from platforms like Shopify, E-Commerce, or custom backends.



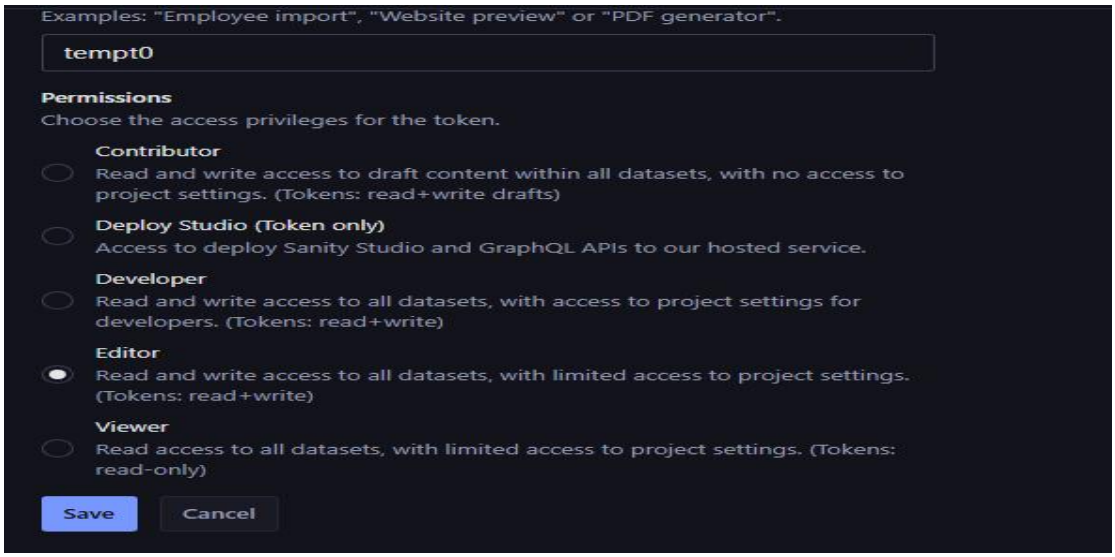
Once you have set up your Sanity.io project, you can find your **Project ID** in the Sanity dashboard.



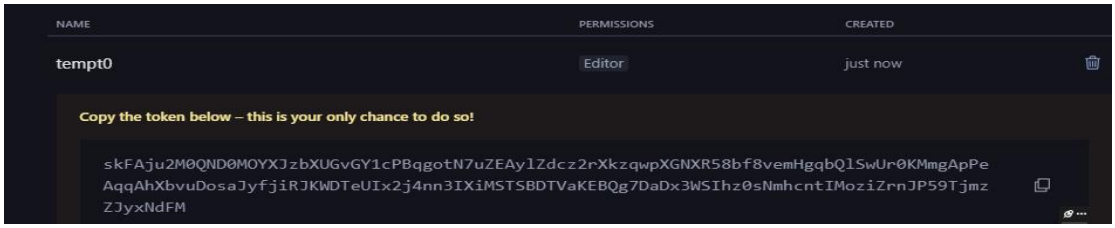
To enable CORS for your Sanity project, you can add an allowed origin using the Sanity CLI:



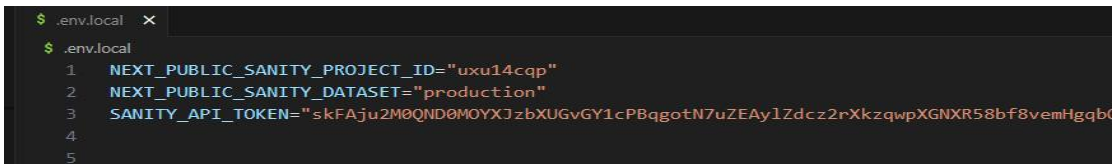
To save an **API token** in the Sanity dashboard:



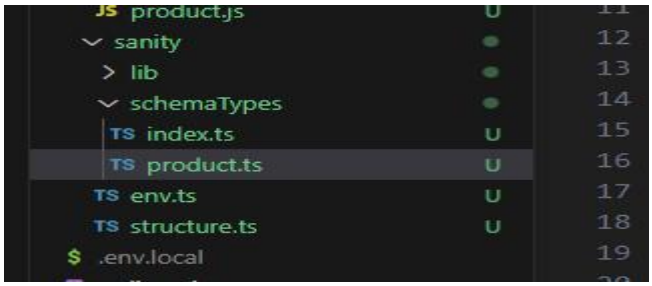
To generate and use an API token in Sanity, you can create a token from your Sanity dashboard:



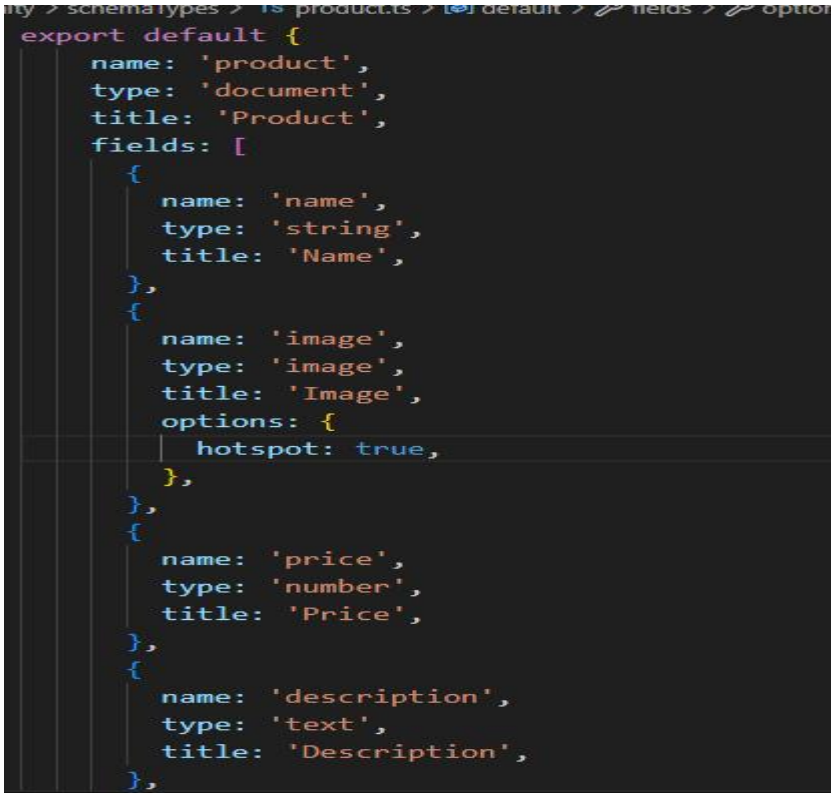
To store your Sanity API token securely in an .env file, you can add it like this



In your Sanity project, the folder structure typically looks something like this.

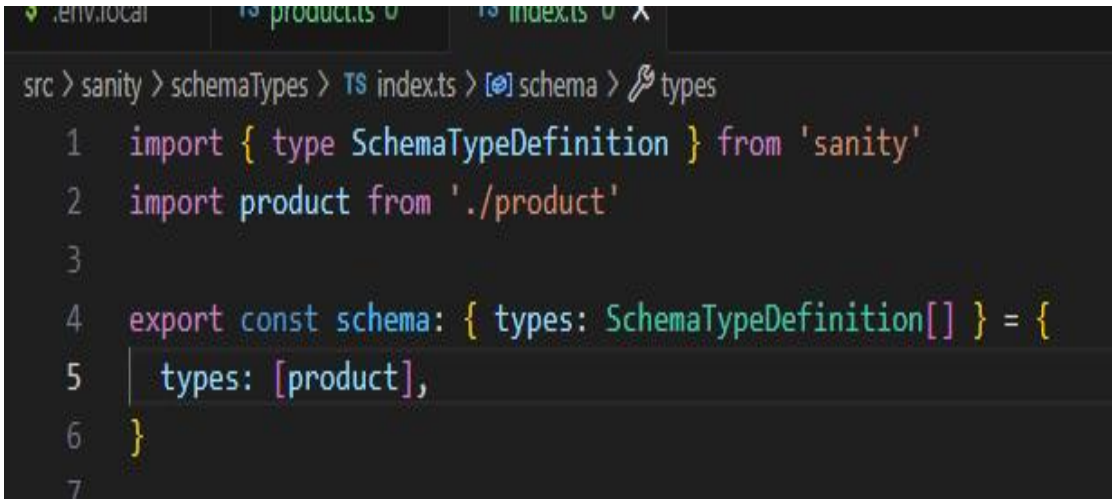


For the product.ts schema, it would be defined like this.



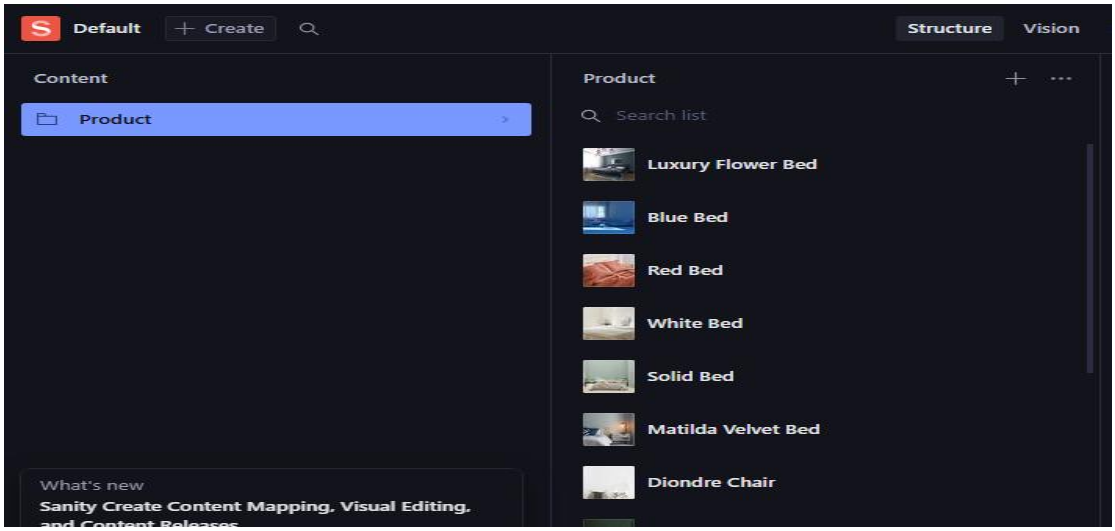
```
export default {
    name: 'product',
    type: 'document',
    title: 'Product',
    fields: [
      {
        name: 'name',
        type: 'string',
        title: 'Name',
      },
      {
        name: 'image',
        type: 'image',
        title: 'Image',
        options: {
          hotspot: true,
        },
      },
      {
        name: 'price',
        type: 'number',
        title: 'Price',
      },
      {
        name: 'description',
        type: 'text',
        title: 'Description',
      },
```

In the index.ts file, you would import and export the schema: This structure is typical for organizing your schema files and allows easy management of different content types.



```
src > sanity > schemaTypes > TS index.ts > [@] schema > types
1  import { type SchemaTypeDefinition } from 'sanity'
2  import product from './product'
3
4  export const schema: { types: SchemaTypeDefinition[] } = {
5    types: [product],
6  }
```

After running Sanity locally with sanity start, your Sanity studio should be accessible at http://localhost:3333. You can use this URL to interact with your Sanity CMS locally.



To fetch data from Sanity using Vision, you can use the following code:
This will fetch and log all the products from Sanity using a basic GROQ query.