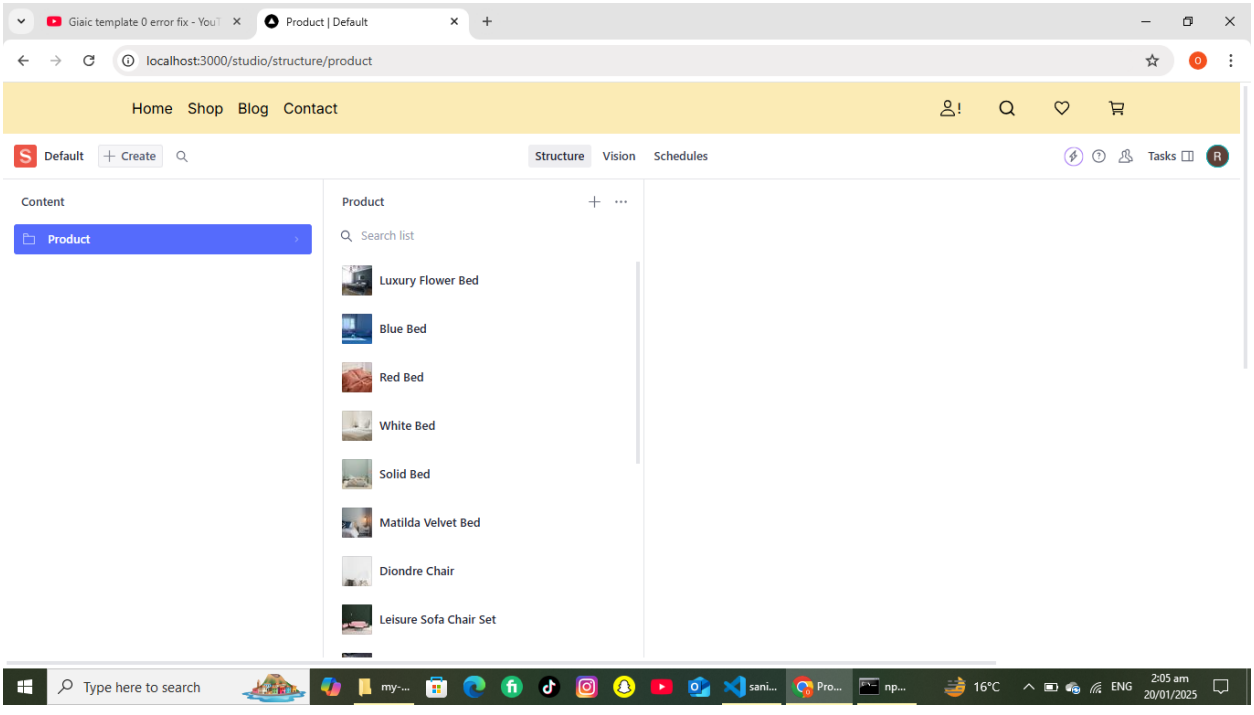
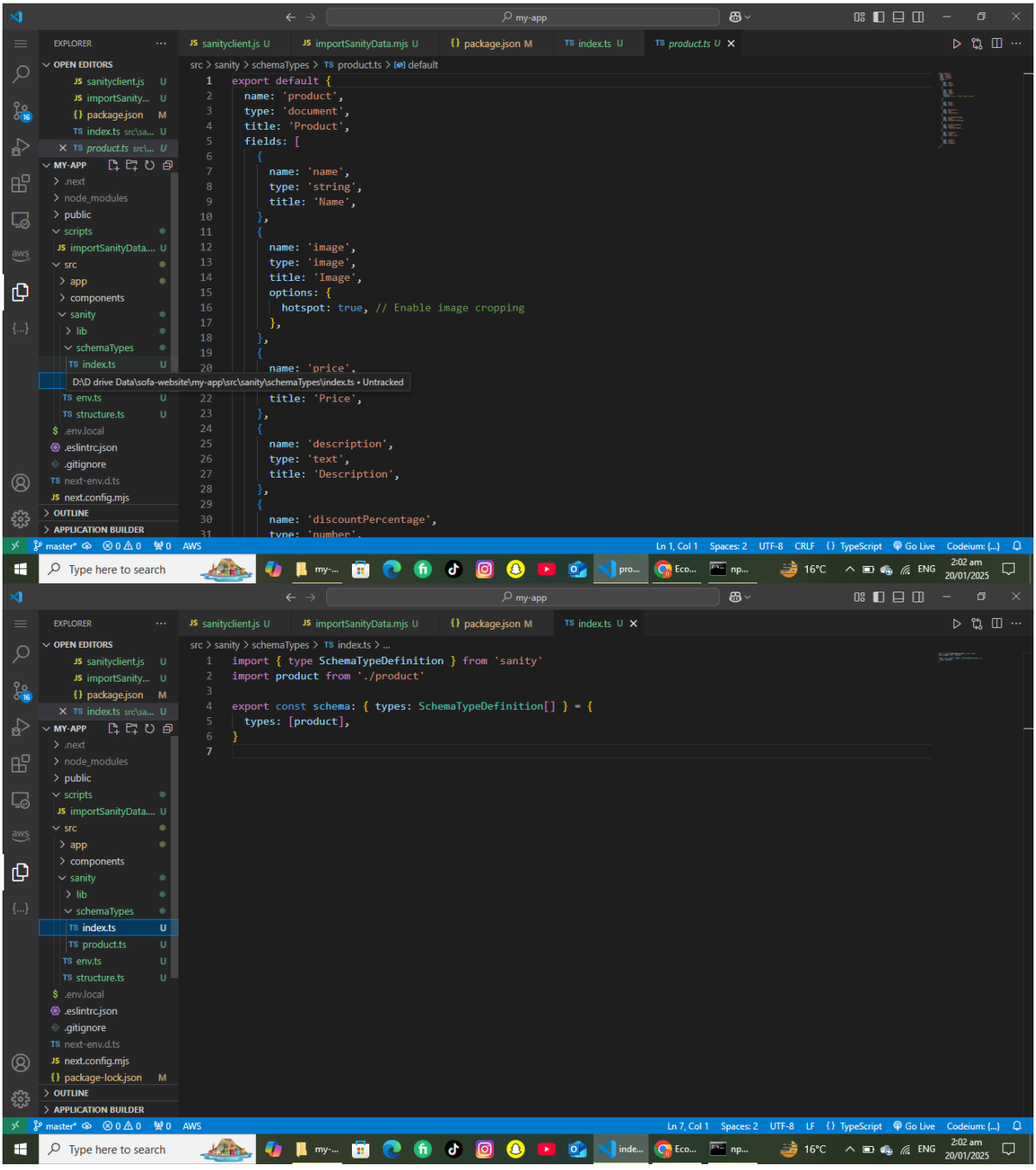
HACKATHON 03 DAY03
API-INTEGRATION AND DATA-MIGRATION

- **API Integration and Data Migration in Sanity with a Next.js Project**
- Sanity.io is a powerful content platform that enables structured content management. When integrating it with a Next.js project, understanding API integration and data migration is crucial for seamless functionality. This guide will walk you through both processes.

- **API Integration in Sanity with Next.js**
- Sanity provides a flexible JavaScript and REST API for interacting with its backend. Next.js is an ideal framework to consume Sanity's data due to its server-side rendering capabilities and dynamic routing.




my-app
EXPLORER
OPEN EDITORS
sanityclient.js U
importSanity... U
package.json M
index.ts src\sa... U
product.ts src\... U
MY-APP
.next
node_modules
public
scripts
importSanityData.... U
src
app
components
sanity
lib
schemaTypes
index.ts U
env.ts U
structure.ts U
.env.local
.eslintrc.json
.gitignore
next-env.d.ts
next.config.mjs
OUTLINE
APPLICATION BUILDER
sanityclient.js U
importSanityData.mjs U
package.json M
index.ts U
product.ts U
src > sanity > schemaTypes > product.ts > default
export default {
name: 'product',
type: 'document',
title: 'Product',
fields: [
{
name: 'name',
type: 'string',
title: 'Name',
},
{
name: 'image',
type: 'image',
title: 'Image',
options: {
hotspot: true, // Enable image cropping
},
},
{
name: 'price',
title: 'Price',
},
{
name: 'description',
type: 'text',
title: 'Description',
},
{
name: 'discountPercentage',
D:\D drive Data\sofa-website\my-app\src\sanity\schemaTypes\index.ts • Untracked
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my-app
EXPLORER
sanityclient.js U
importSanityData.mjs U
package.json M
index.ts U
src > sanity > schemaTypes > index.ts > ...
import { type SchemaTypeDefinition } from 'sanity'
import product from './product'
export const schema: { types: SchemaTypeDefinition[] } = {
types: [product],
}
product.ts U
package-lock.json M
Ln 7, Col 1
Spaces: 2
UTF-8
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TypeScript
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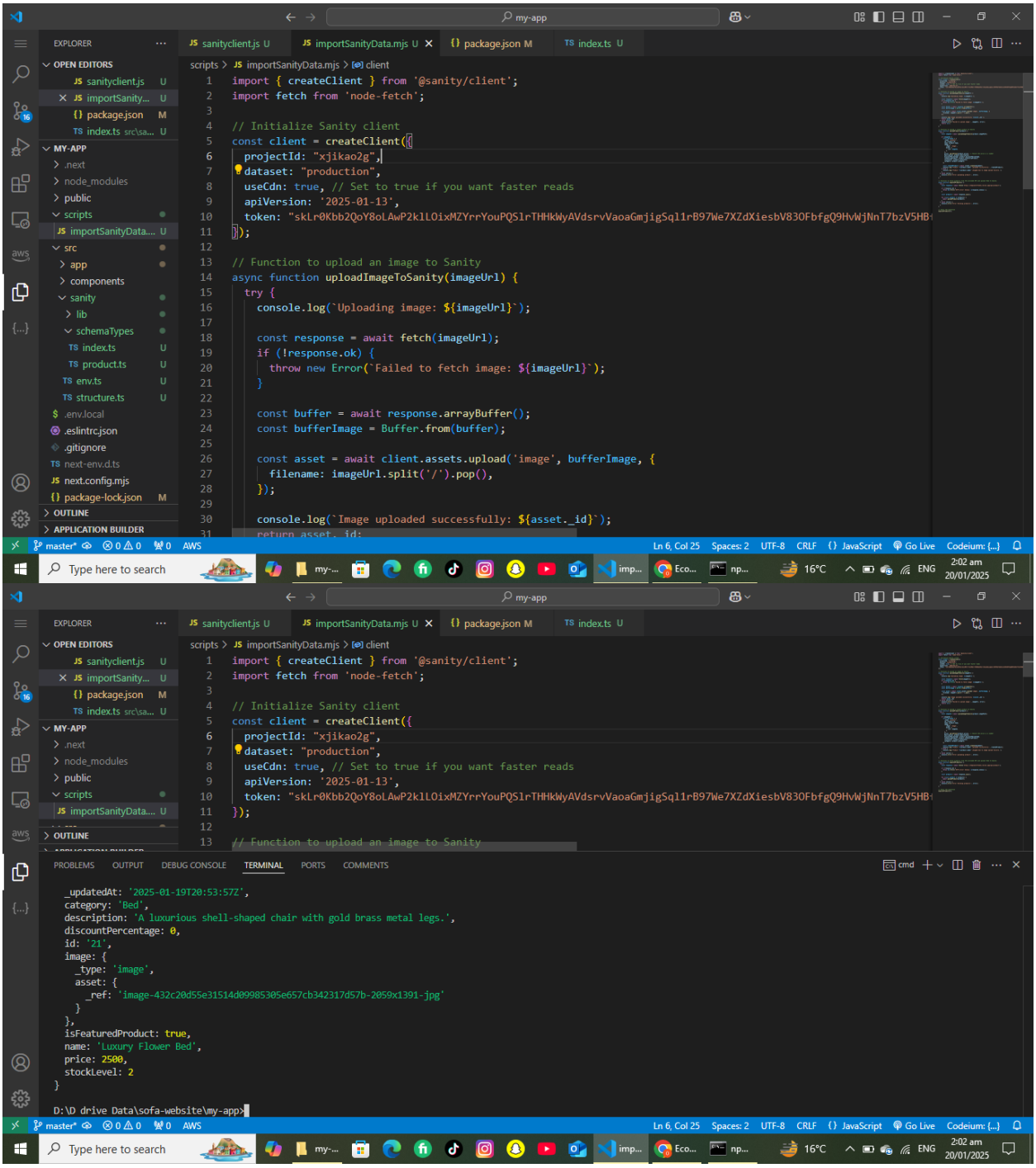

Data Migration in Sanity

When working with Sanity, migrating data from one project to another or importing existing datasets is a

common task. Sanity's CLI makes this process straightforward.

1. Exporting Data

1. Importing Data

3. Handling Schema Changes

4. Validating and Transforming Data