



MARKETPLACE_B UILDER_HACKATH ON_2025

Umm e habiba



DAY 3 :

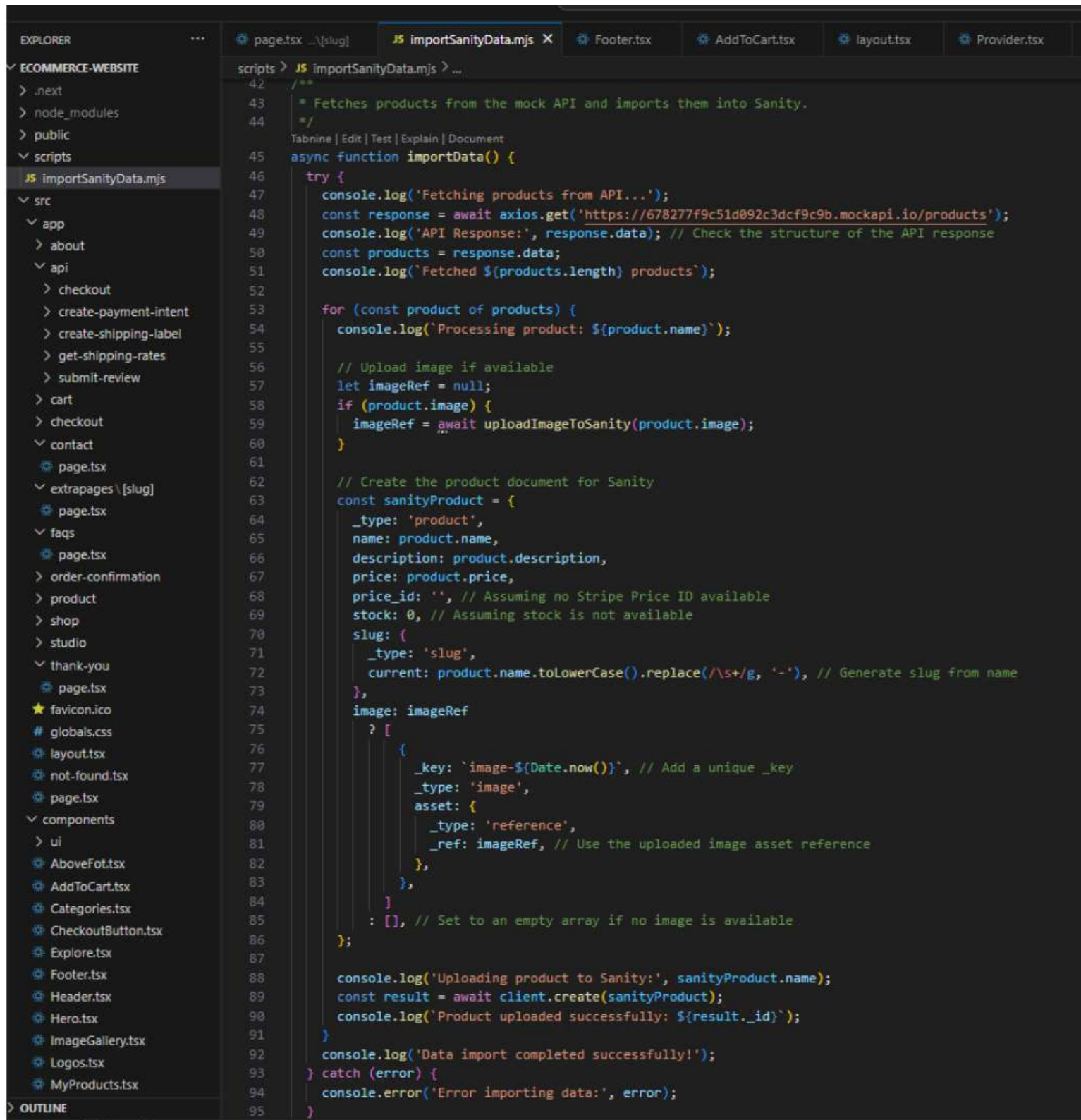
API INTEGRATION AND DATA MIGRATION.





(1) API INTEGRATION







(2) DATA SCHEMA

globals.css
layout.tsx
not-found.tsx
page.tsx
components
ui
AboveFold.tsx
AddToCart.tsx
Categories.tsx
CheckoutButton.tsx
Explore.tsx
Footer.tsx
Header.tsx
Hero.tsx
ImageGallery.tsx
Logos.tsx
MyProducts.tsx
OurProduct.tsx
Provider.tsx
Reviews.tsx
SimplifiedProduct.tsx
unity
lib
client.ts
image.ts
live.ts
schemaTypes
category.ts
heroImages.ts
index.ts
logos.ts
mainLogo.ts
products.ts
review.ts
env.ts
structure.ts
utils
v
v.local
intrinsic.json
ignore
components.json

```
1  const productSchema = {  
5    fields: [  
6      {  
7        type: 'string',  
9        title: 'Name of Product',  
10      },  
11      {  
12        name: 'image',  
13        type: 'array',  
14        title: 'Product Images',  
15        of: [  
16          {  
17            type: 'image',  
18            fields: [  
19              {  
20                name: 'alt',  
21                type: 'string',  
22                title: 'Alternative Text',  
23                description: 'A short description of the image for accessibility.',  
24              },  
25            ],  
26          },  
27        ],  
28      },  
29      {  
30        name: 'description',  
31        type: 'text',  
32        title: 'Description of Product',  
33      },  
34      {  
35        name: 'slug',  
36        type: 'slug',  
37        title: 'Product Slug',  
38        options: {  
39          source: 'name',  
40        },  
41      },  
42      {  
43        name: 'price',  
44        type: 'number',  
45        title: 'Price of Product',  
46      },  
47      {  
48        name: 'price_id',  
49        title: 'Stripe Price ID',  
50        type: 'string',  
51      },  
52      {  
53        name: 'stock',  
54        type: 'number',  
55        title: 'Stock',  
56      },  
57    ],  
58  },
```



(3) DATA MIGRATION.


```
"name": "first-ecommerce-fully-functional-website",
"version": "0.1.0",
"private": true,
  ▶ Debug
"scripts": {
  "dev": "next dev",
  "build": "next build",
  "start": "next start",
  "lint": "next lint",
  "import-data": "node scripts/importSanityData.mjs"
```

```
// Create Sanity client
const client = createClient({
  projectId: process.env.NEXT_PUBLIC_SANITY_PROJECT_ID,
  ⚠ dataset: process.env.NEXT_PUBLIC_SANITY_DATASET,
  useCdn: false,
  token: process.env.SANITY_API_TOKEN,
  apiVersion: '2021-08-31',
});

/**
 * Uploads an image to Sanity and returns the asset reference ID
```

IS OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

COMMENTS

Users\USER\Desktop\hack-git-clone\Ecommerce-website> **npm** run migrate



(4)

SUCCESSFULLY
MIGRATED.



Content

Product

Hero Image

Main Logo

Category

Logo Image

Review

Product

Search list

modern-cozy

Ivory Charm

Gray Elegance

Tan leather Chair

Modern chair

Library Stool Chair

Wooden Chair

Scandi Dip Sets

SleekSpin

Rose Luxe Armchair

Citrus Edge

Nordic Spin

modern-cozy

Product

modern-cozy

Name of Product

modern-cozy

Product Images

Untitled

Description of Product

Lorem ipsum dolor sit amet consectetur a
reprehenderit doloribus fugit cum aperian
numquam maiores ea soluta neque iure p

Product Slug

modern-cozy

Price of Product

43



(5)

DISPLAY ON
FRONTEND



All Products



Now
Citrus Edge
\$91



Sales
Rose Luxe Armchair
\$98 ~~\$99~~



Nordic Spin
\$37



modern-cozy
\$43



Now
Library Stool Chair
\$74



Sales
Gray Elegance
\$38



SleekSpin
\$10



Ivory Charm
\$64



Now
Scandi Dip Sets
\$94



Sales
Wooden Chair
\$50



Modern chair
\$82



Tan leather Chair
\$47





(6)

ON BACKEND

ECOMMERCE-WE...

src

app

checkout

contact

page.tsx

extrapages\[slug]

page.tsx

faqs

page.tsx

order-confirmation

product

page.tsx

shop

studio

thank-you

page.tsx

favicon.ico

globals.css

layout.tsx

not-found.tsx

page.tsx

components

ui

AboveFot.tsx

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MyProducts.tsx

OurProduct.tsx

Provider.tsx

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SimplifiedProduct.tsx

lib

sanity

lib

client.ts

image.ts

live.ts

schemaTypes

category.ts

heroImages.ts

index.ts

logos.ts

mainLogo.ts

products.ts

review.ts

src > app > product > page.tsx > Product

```
355
356 // export default Product
357 import React from 'react';
358 import Image from 'next/image';
359 import { FiShoppingCart } from 'react-icons/fi';
360 import { client } from '@sanity/lib/client';
361 import Link from 'next/link';
362
363 type simplifiedProduct = {
364   _id: string;
365   name: string;
366   description: string;
367   price: number;
368   price_id: string;
369   stock: number;
370   slug: string;
371   image: {
372     _key: string;
373     asset: {
374       _id: string;
375       url: string;
376     };
377   };
378 };
379
380 async function getData() {
381   const query = `*[ _type == "product" ] {
382     _id,
383     name,
384     description,
385     price,
386     price_id,
387     stock,
388     "slug": slug.current,
389     image[] {
390       _key,
391       asset-> {
392         _id,
393         url
394       }
395     }
396   }`;
397
398   const data = await client.fetch(query);
399   return data;
400 }
401
402 const Product = async () => {
403   const data: simplifiedProduct[] = await getData();
404
405   // Debugging: Log the data to inspect its structure
406   console.log(JSON.stringify(data, null, 2));
407
408   return (
409     <>
410     <main className="max-w-screen-2xl mx-auto mt-[80px] lg:px-8 px-4 mb-10">
411       <h2 className="text-[32px] font-semibold leading-[35px] □ text-[#272343]">
412         All Products
413       </h2>
414     </>
415   );
416 }
```




Thank you

Umm e. Habiba