Name : Zeba Khan (GIAIC STUDENT)

Roll : 431956

Day1

Step 1: Q- Choose Your Marketplace Type ?

Answer : (General E-Commerce)

Q-Describe its primary purpose and key benefit?

- **The primary purpose of our e-commerce furniture marketplace is to provide customers with a convenient, online platform to browse, purchase, and receive high-quality furniture at competitive prices.**
- ***Key Benefit*: It offers a seamless shopping experience with detailed product descriptions, multiple payment options, fast delivery, and easy returns, making furniture shopping hassle-free from the comfort of home.**

Step 2: Define Your Business Goals?

1. What problem does your marketplace solve?

It solves the problem of finding high-quality, affordable furniture online with a convenient shopping experience.

2. Who is your target audience?

Our target audience includes homeowners, renters, interior designers, and people looking to furnish their homes or offices.

3. What products/services will you offer?

We will offer a wide range of furniture products such as sofas, chairs, tables, beds, and home décor items.

4. What makes your marketplace unique?

Our marketplace offers a curated selection of stylish, durable furniture with free delivery and easy returns, making online shopping hassle-free.

5. What is your business outcom Our goal is to become a leading online destination for furniture, driving sales growth and customer loyalty through excellent products and customer service

3: Create a Data Schema

[Product]

- ID: 01
- Name: “Bed”
- Price: 50,000
- Stock: 10
- Category: “Furniture”
- Tags: Bed”,”furniture”

[Order Details]

- Order Details Id: 101
- Order ID: 501
- Product ID: 1001
- Quantity: 1

[Customer]

-Customer ID: 901

-Name: “Alizey Ahmed”

Contact Info: “Alizey Ahmed 101@gmail.com

-Address:” Malir Karachi ,Pakistan”

[Orders]

- Order ID: 501
- Customer ID: 901
- Total Amount: 50,000

[Delivery zone]

- Zone Id: 75200
- Zone Name: “Malir”
- Coverage Area: Non
- Assigned Driver: “Basit”

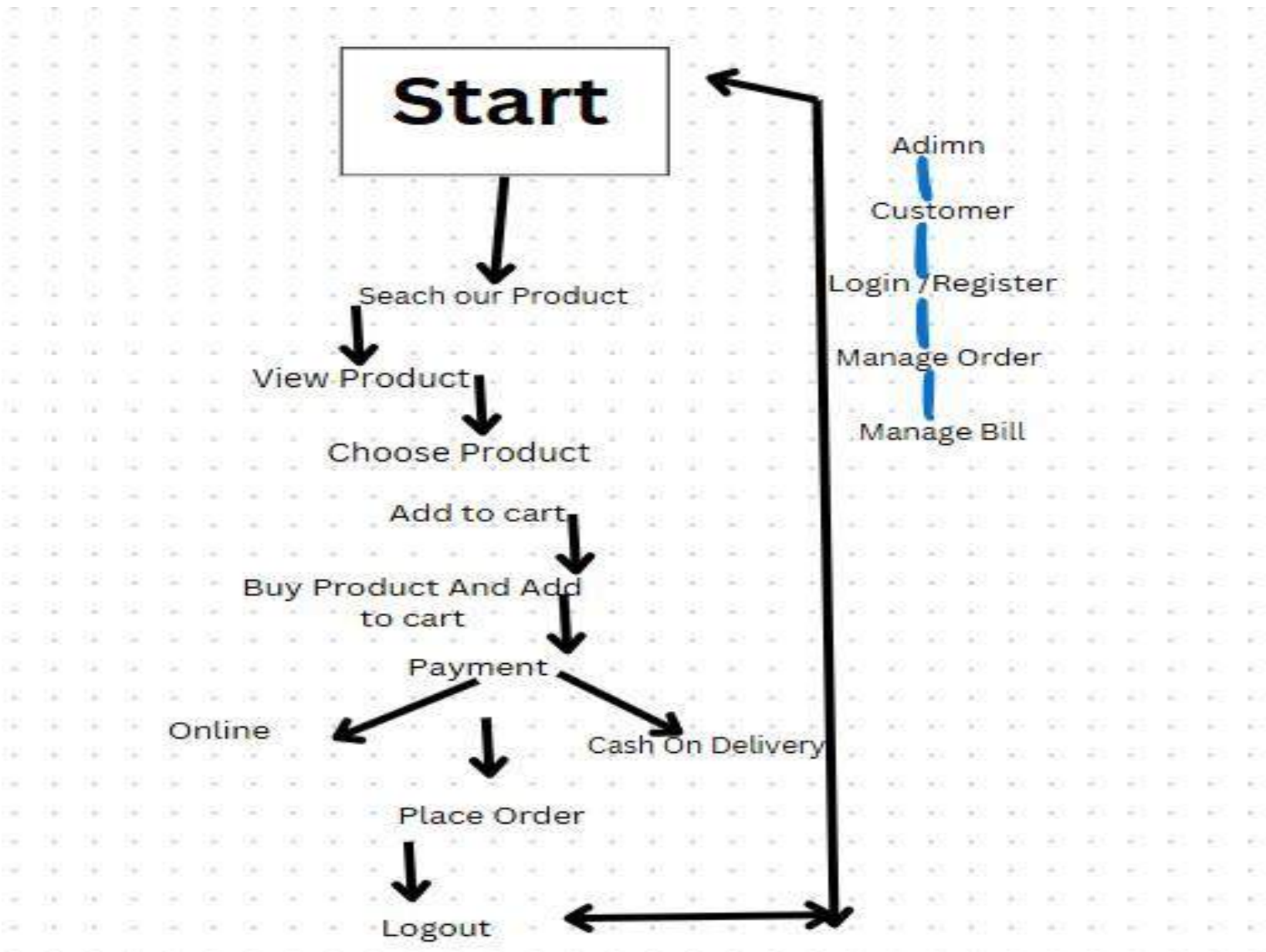
[Shipment]

- Shipment ID: 500
- OrderID: 501
- Status ID:”Active”

Day2

UIUX Design for Market Place Technical Foundation

Flow Chart



System Architecture Overview Diagram :

[Frontend (Next.js)] → [Frontend (Next.js)]

↓

[Sanity CMS] → [Product Data API]

↓

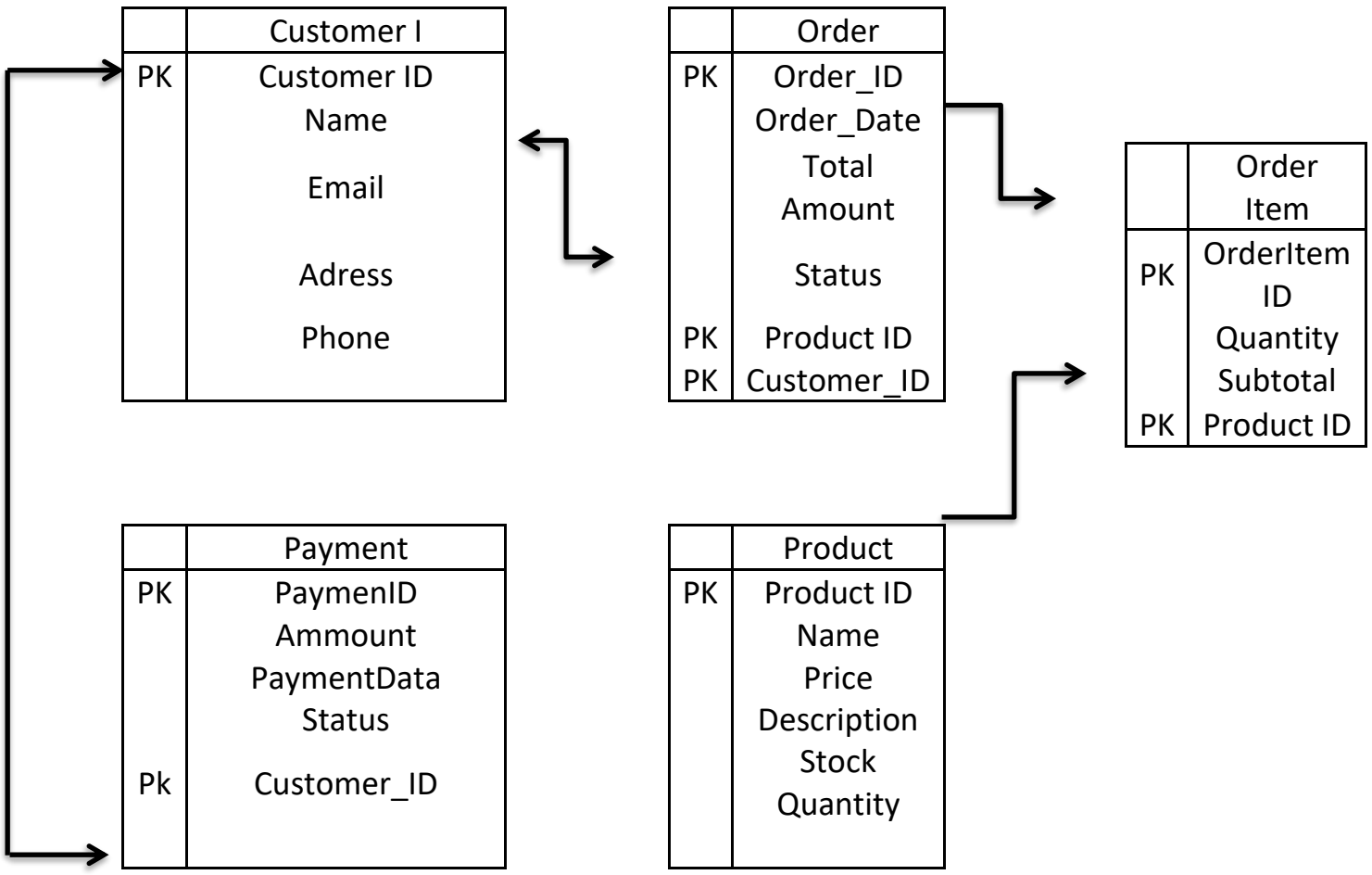
[Third-Party API] → [Shipment Tracking API]

↓

Payment Gateaway]

System Architecture

ER Digram Sample For E-Commerce Project



Click Here Down Image To Open File:

APIEnd Point Xlxs

Endpoint	Method	Description	Parameters	Response Example
/api/furniture	GET	Fetch all furniture items	None	{ id: 1, name: "Bed" }
/api/furniture/:id	GET	Fetch a single furniture item	id (Path)	{ id: 1, name: "Bed" }
/api/furniture	POST	Add a new furniture item	name, price, category' (Body)	{ success: t-ue, id: 5
/api/furniture/:id	PUT	Update a furniture item	id (Path), name, price (Body)	{ success: true }
/api/furniture/:id	DELETE	Delete a furniture item	id (Path)	{ success: tille }
/api/categories	GET	Fetch all furniture categories	None	{ categories: ["If there is"] }

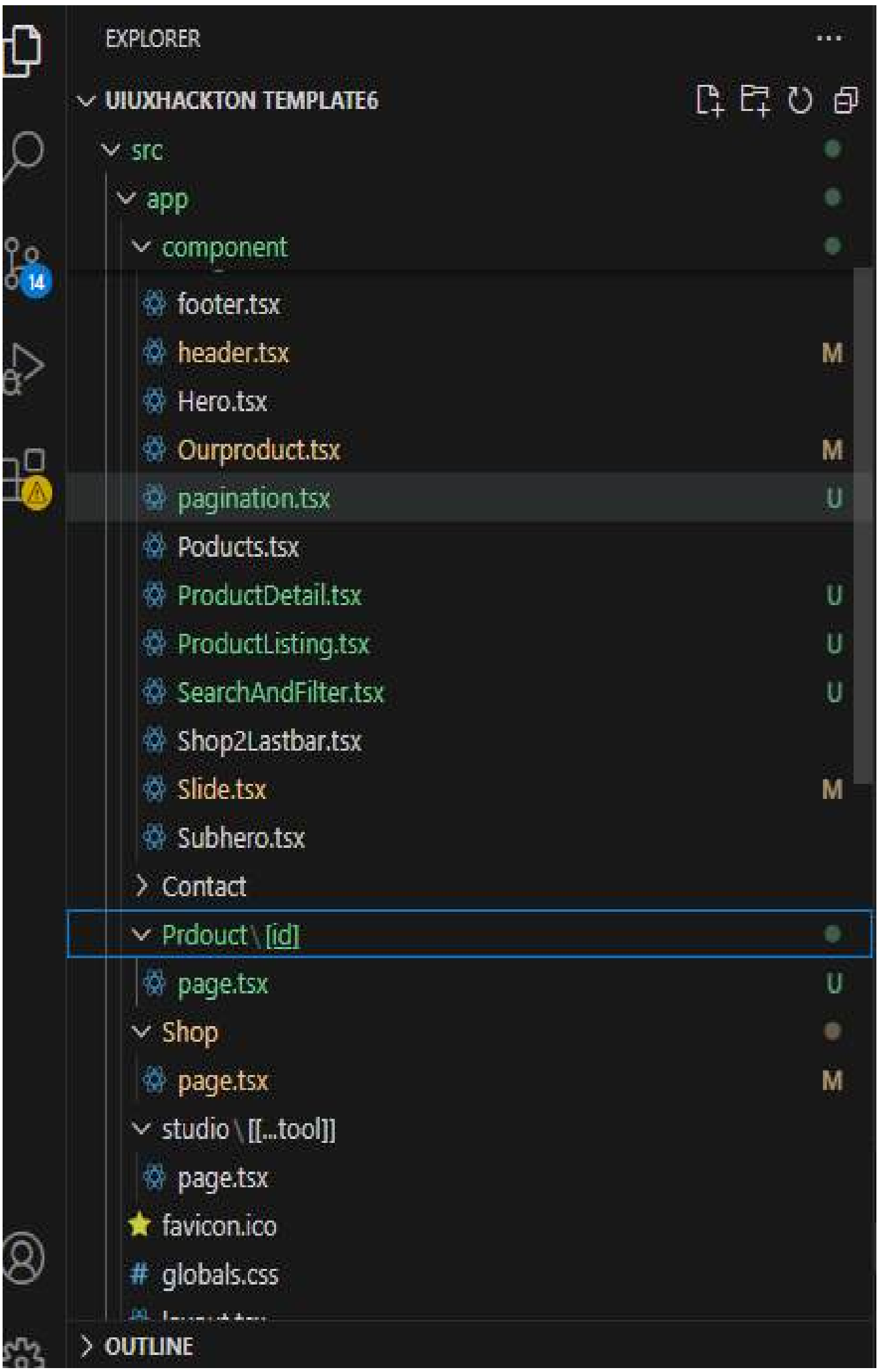
Day3

1-API Integration Process

2-Adjustment Made To Schemas

3-Migration Step And Tool Use

Screen Shorts



C:\Windows\System32\cmd.exe

```
The default dataset configuration has a public dataset named "production".
? Use the default dataset configuration? Yes
? Creating dataset
? Would you like to add configuration files for a Sanity project in this Next.js folder? Yes
? Do you want to use TypeScript? Yes
? Would you like an embedded Sanity Studio? Yes
? What route do you want to use for the Studio? /studio
? Select project template to use Clean project with no predefined schema types
? Would you like to add the project ID and dataset to your .env.local file? Yes
Added http://localhost:3000 to CORS origins
Running 'npm install --legacy-peer-deps --save @sanity/vision@3 sanity@3 @sanity/image-url@1 styled-components@6'

added 906 packages, changed 1 package, and audited 1273 packages in 1h

239 packages are looking for funding
  run `npm fund` for details

1 high severity vulnerability

To address all issues, run:
  npm audit fix --force

Run `npm audit` for details.

added 8 packages, and audited 1281 packages in 43s

239 packages are looking for funding
  run `npm fund` for details

1 high severity vulnerability

To address all issues, run:
  npm audit fix --force

Run `npm audit` for details.

Success! Your Sanity configuration files has been added to this project

E:\assigments-next-js\UIUXhackton\uiuxhackton>Y
'Y' is not recognized as an internal or external command,
operable program or batch file.

E:\assigments-next-js\UIUXhackton\uiuxhackton>
E:\assigments-next-js\UIUXhackton\uiuxhackton>
```

(28) giaic | furnirowe | apiday3 – | Create Ne | screensho | 7 Differen

sanity.io/manage/personal/project/qaqa17dn/api

Zeba Khan | apiday3 | 30 days left in trial

Zeba Khan

AP

apiday3

PLAN	STATUS	PROJECT ID
Growth Trial	Active	qaqa17dn

Getting started | Overview | Members | Studios | Datasets | Access | Activity | Usage | Plan | API | Settings

- Webhooks
- CORS origins
- Tokens

GROQ-powered webhooks

HTTP callbacks to a given URL triggered by changes in your content lake

Learn more about webhooks

+ Create webhook

0 of 2 webhooks (2 included in plan)

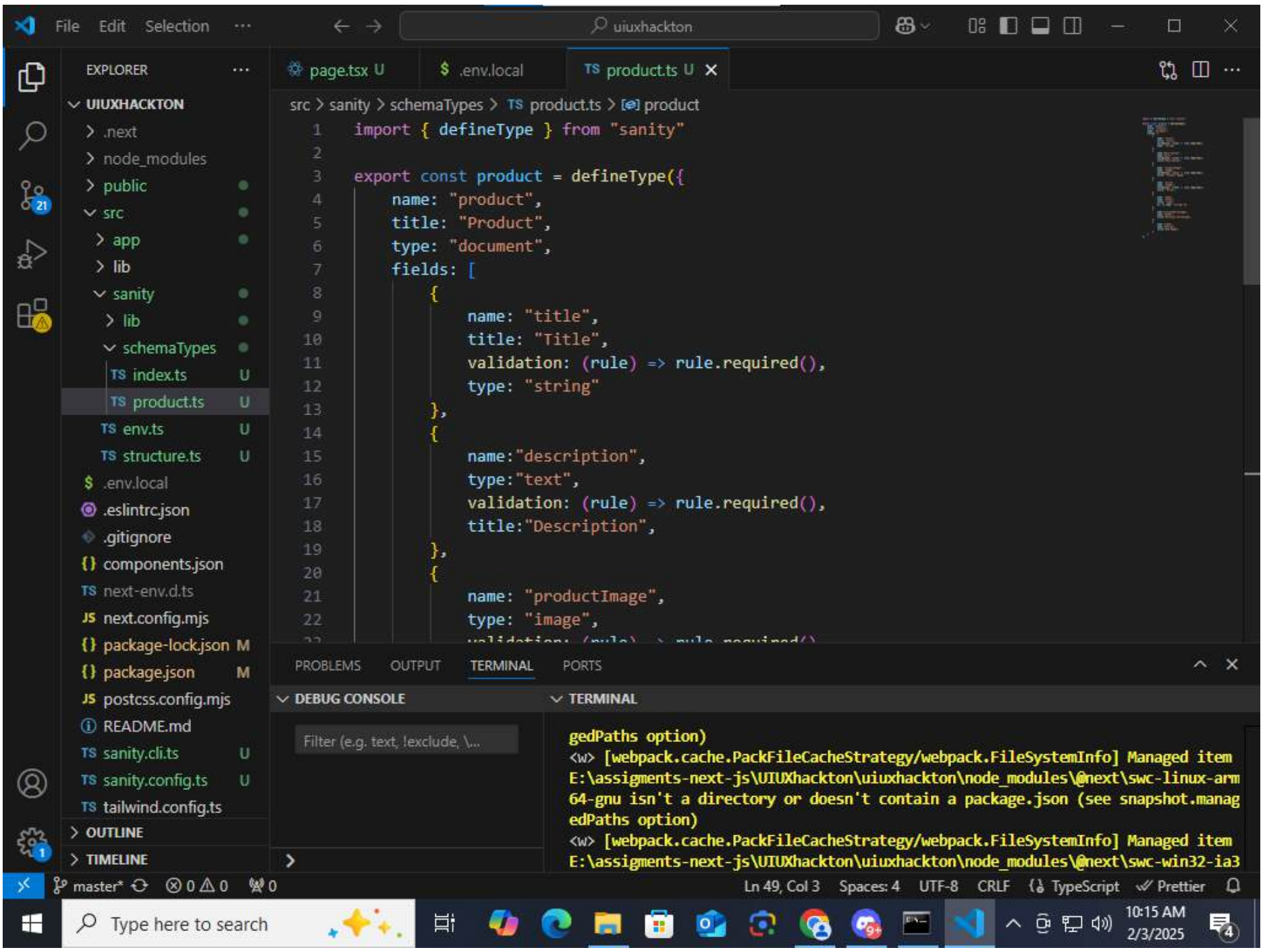
Get more webhooks

There are no GROQ-powered webhooks in this project

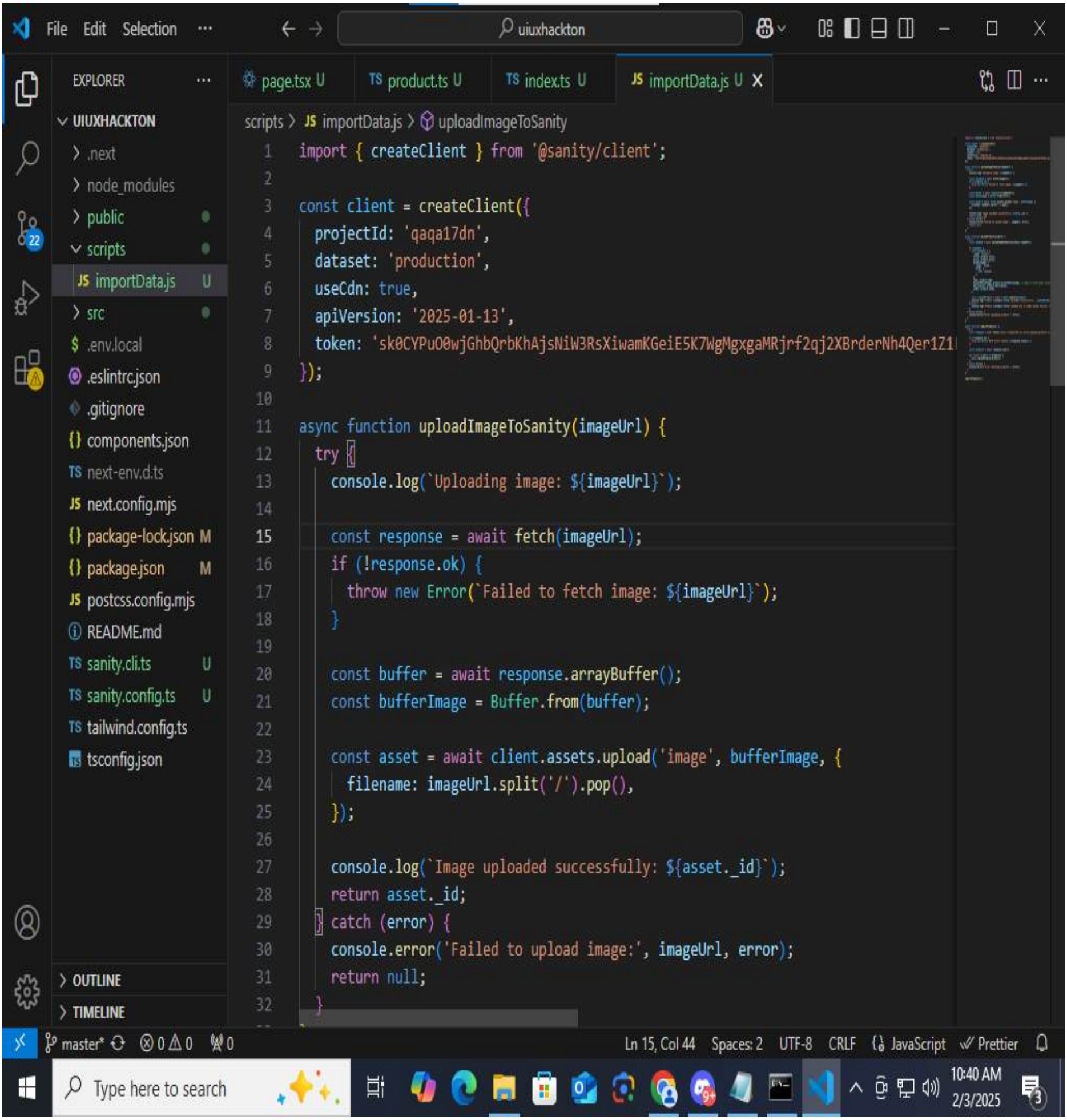
Maybe try creating a new webhook?

Token Process

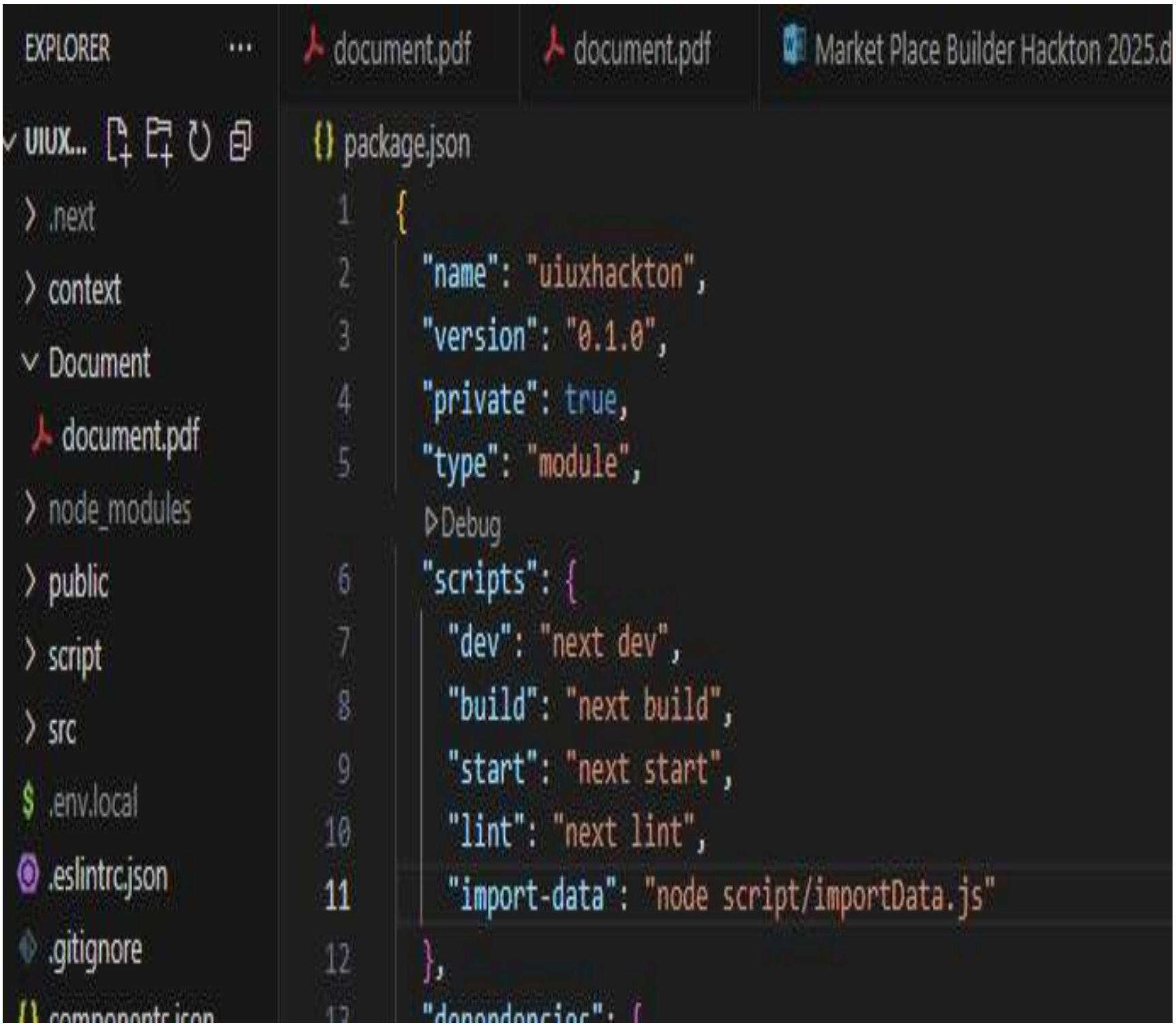
Fine --- >product.ts



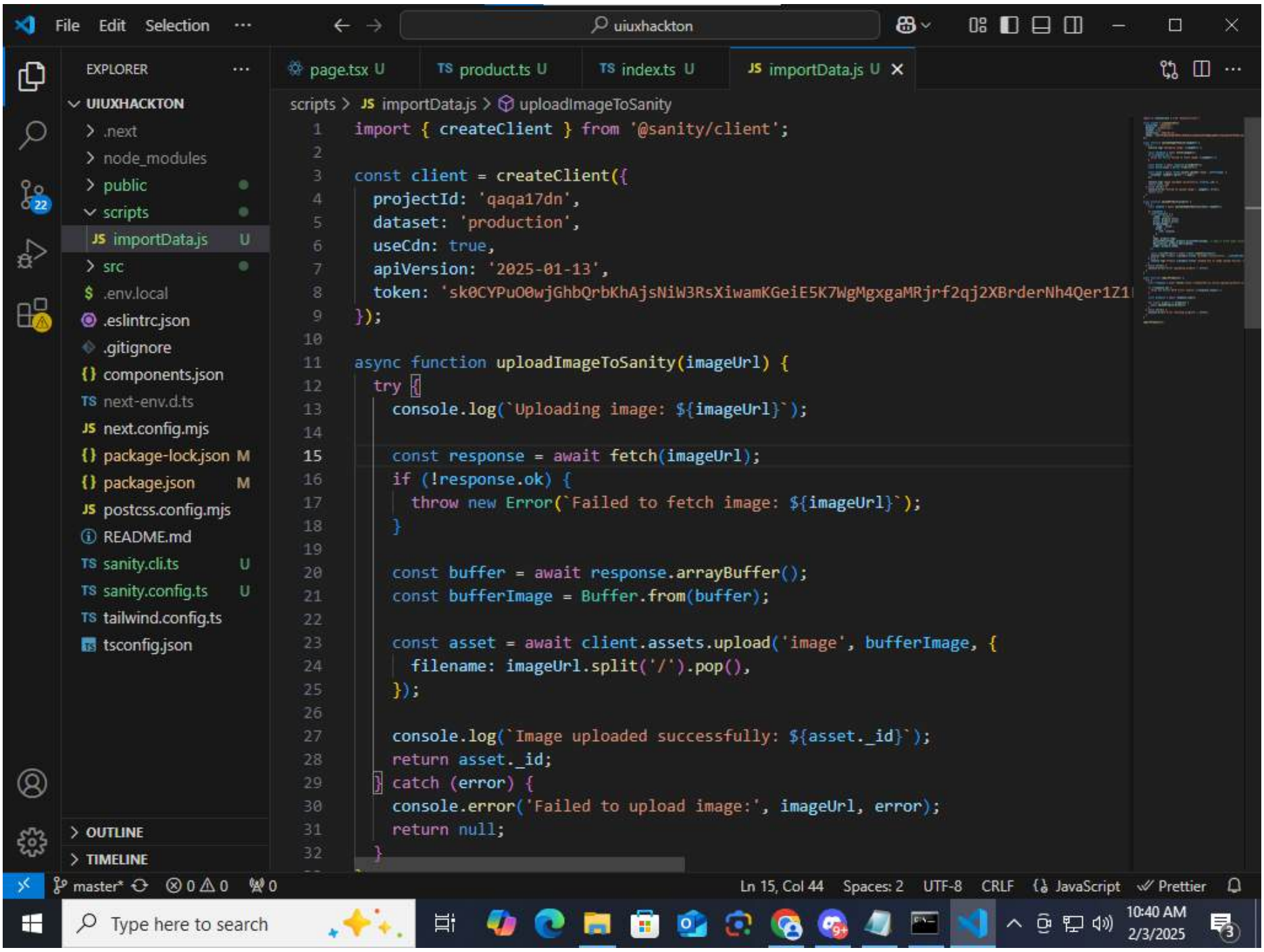
importData.js and

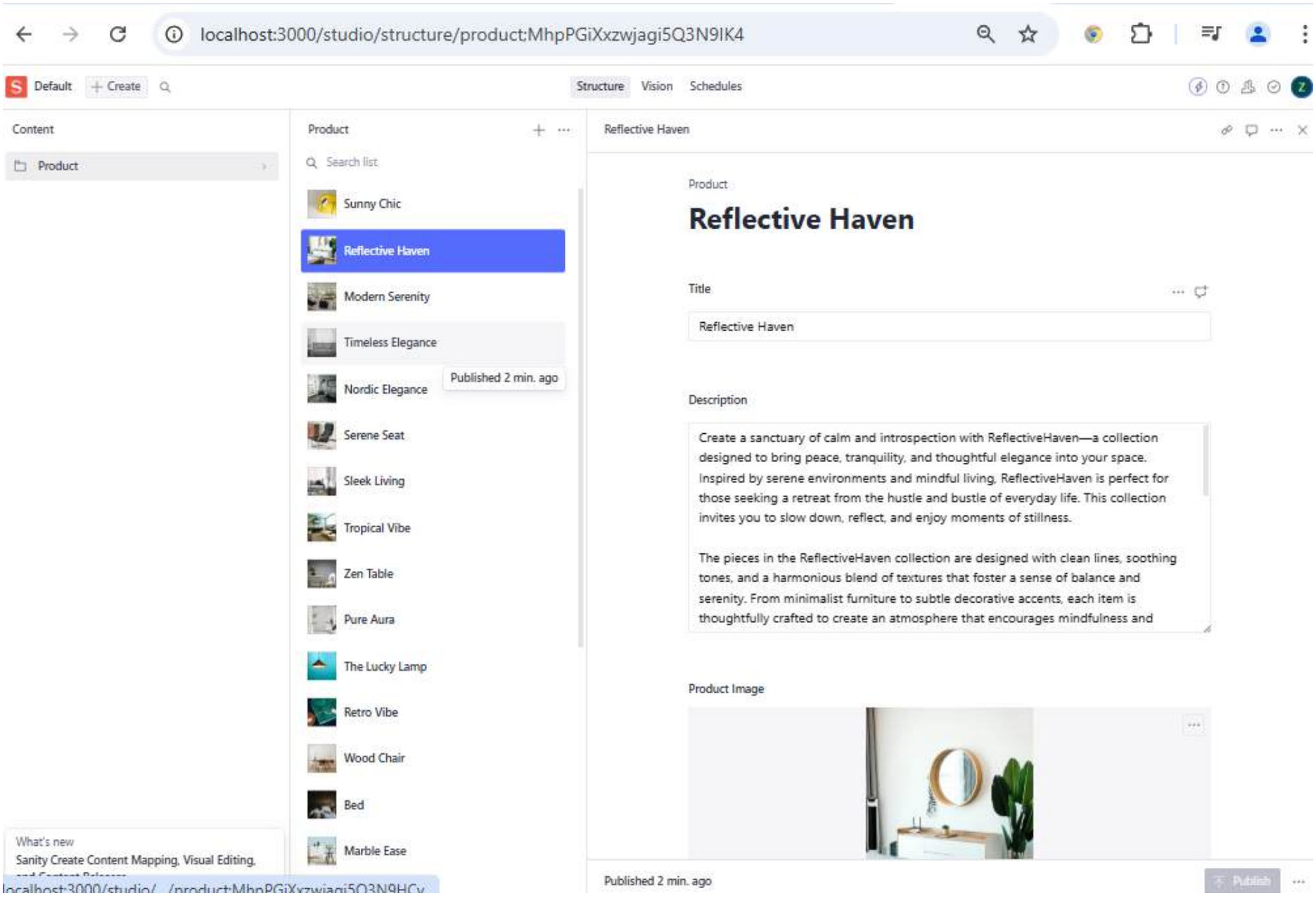


and package.json


EXPLORER
document.pdf
document.pdf
Market Place Builder Hackton 2025.d
UIUX...
package.json
.next
context
Document
document.pdf
node_modules
public
script
src
.env.local
.eslintrc.json
.gitignore
{
"name": "uiuxhackton",
"version": "0.1.0",
"private": true,
"type": "module",
Debug
"scripts": {
"dev": "next dev",
"build": "next build",
"start": "next start",
"lint": "next lint",
"import-data": "node script/importData.js"
},

sanity import data.js

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Default
Create
Structure
Vision
Schedules
Content
Product
Product
Search list
Sunny Chic
Reflective Haven
Modern Serenity
Timeless Elegance
Published 2 min. ago
Nordic Elegance
Serene Seat
Sleek Living
Tropical Vibe
Zen Table
Pure Aura
The Lucky Lamp
Retro Vibe
Wood Chair
Bed
Marble Ease
What's new
Sanity Create Content Mapping, Visual Editing,
Reflective Haven
Product
Reflective Haven
Title
Reflective Haven
Description
Create a sanctuary of calm and introspection with ReflectiveHaven—a collection designed to bring peace, tranquility, and thoughtful elegance into your space. Inspired by serene environments and mindful living, ReflectiveHaven is perfect for those seeking a retreat from the hustle and bustle of everyday life. This collection invites you to slow down, reflect, and enjoy moments of stillness.
The pieces in the ReflectiveHaven collection are designed with clean lines, soothing tones, and a harmonious blend of textures that foster a sense of balance and serenity. From minimalist furniture to subtle decorative accents, each item is thoughtfully crafted to create an atmosphere that encourages mindfulness and
Product Image
Published 2 min. ago
Publish