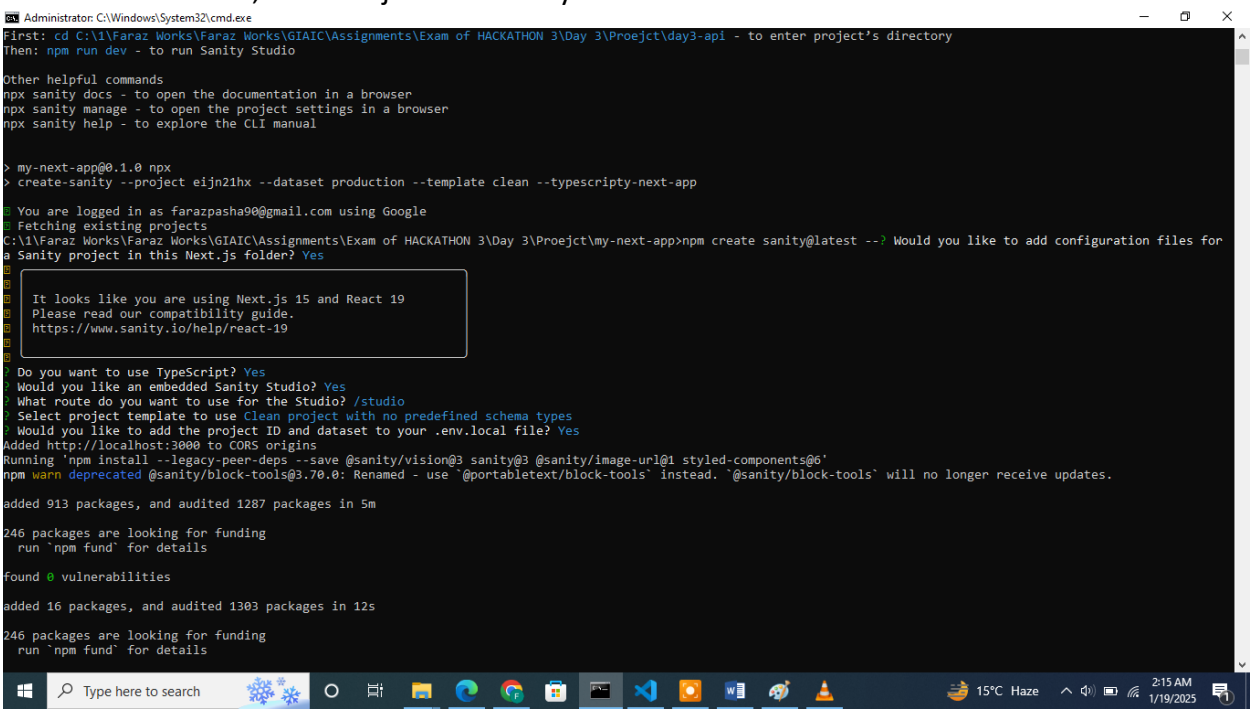
HACKATHON 3

"Day 3 - API Integration Report - [Faraz-Ecommerce]

1. API Integration Process

1.1. Setting Up the Project Environment

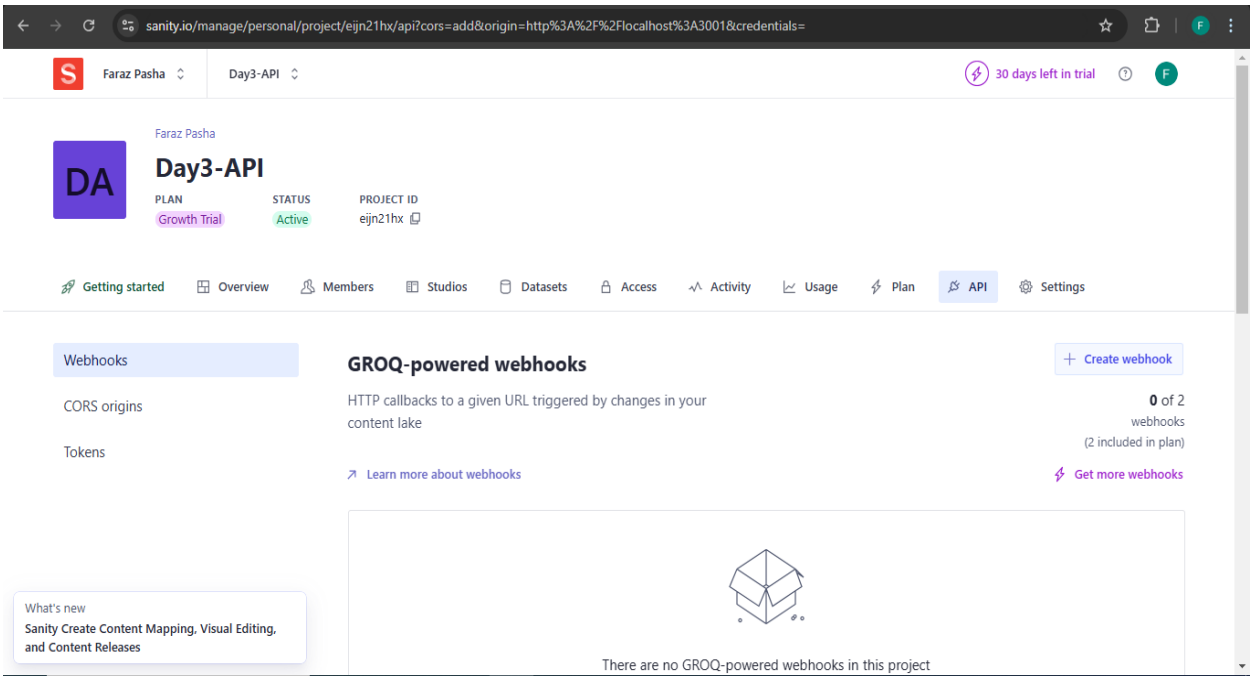
- Initialized a Next.js project with TypeScript and Tailwind CSS.
- Installed required dependencies:
  - @sanity/client for Sanity CMS integration.
  - next, for Next.js functionality.



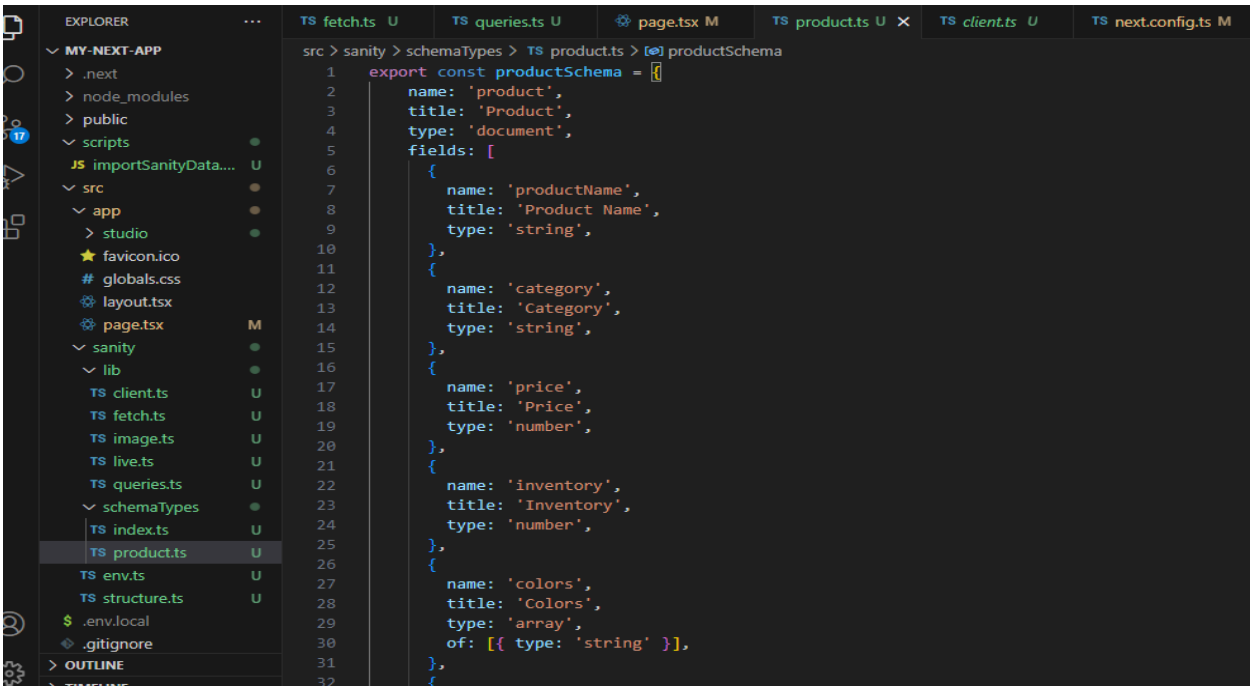
1.2. Configuring Sanity Client

- Created a `sanity` directory for configuration files.
- Configured the `sanityfetch` function to fetch data from Sanity:

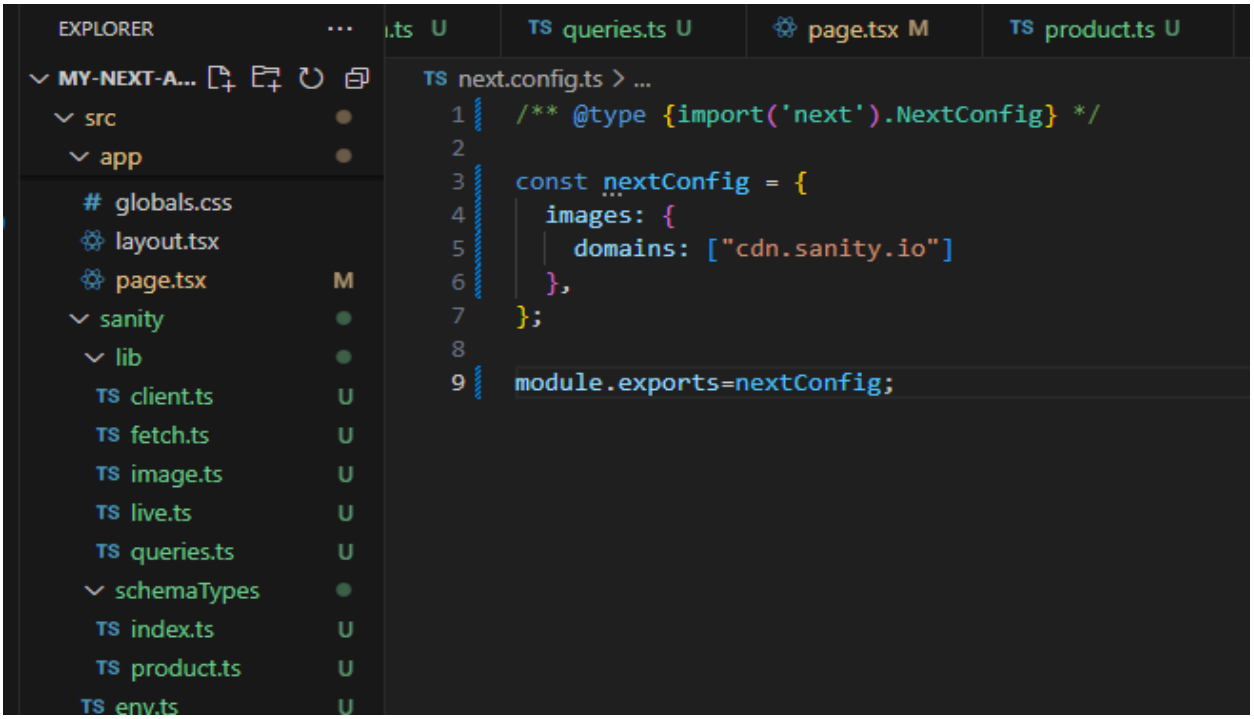
SANITY.IO



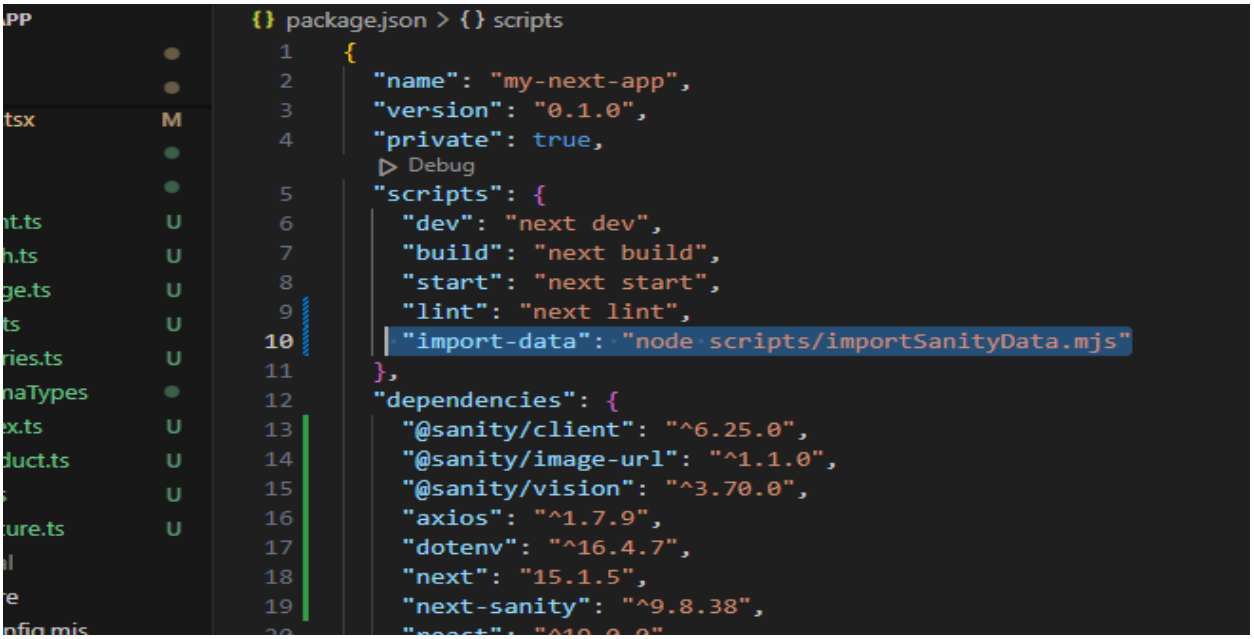
For schema changes



Next.config.ts changes for images



Package.json changes



2- Submission Things

API CALLS

https://template-03-api.vercel.app/api/products


```
{
    "success": true,
    "data": [
        {
            "productName": "Nike Air Force 1 Mid '07",
            "category": "Men's Shoes",
            "price": 10795,
            "inventory": 20,
            "colors": [
                "White"
            ],
            "status": "Just In",
            "image": "https://template-03-api.vercel.app/products/1.png",
            "description": "The Nike Air Force 1 Mid '07 delivers timeless style with premium leather and mid-cut design. Perfect for everyday wear, it provides exceptional comfort and durability. The iconic Air-Sole cushioning adds responsive support for long-lasting performance."
        },
        {
            "productName": "Nike Court Vision Low Next Nature",
            "category": "Men's Shoes",
            "price": 4995,
            "inventory": 35,
            "colors": [
                "Black"
            ],
            "status": "Just In",
            "image": "https://template-03-api.vercel.app/products/2.png",
            "description": "The Nike Court Vision Low Next Nature combines retro basketball style with modern sustainability. Made with at least 20% recycled content, it features a sleek design, durable materials, and ultimate comfort for everyday wear."
        },
        {
            "productName": "Nike Air Force 1 PLT.AF.ORM",
            "category": "Women's Shoes",
            "price": 8695,
            "inventory": 18,
            "colors": [
                "White"
            ],
            "status": "Just In",
            "image": "https://template-03-api.vercel.app/products/3.png",
            "description": "The Nike Air Force 1 PLT.AF.ORM elevates the iconic AF1 silhouette with bold design updates. Featuring a platform sole and premium materials, this women's shoe redefines style and comfort in a fresh, modern way."
        },
        {
            "productName": "Nike Air Force 1 React",
            "category": "Men's Shoes",
            "price": 13295,
            "inventory": 12,
            "colors": [
                "White"
```


Data on Frontend

localhost:3000

Products
Data Fetch From API TO SANITY & THEN DISPLAY
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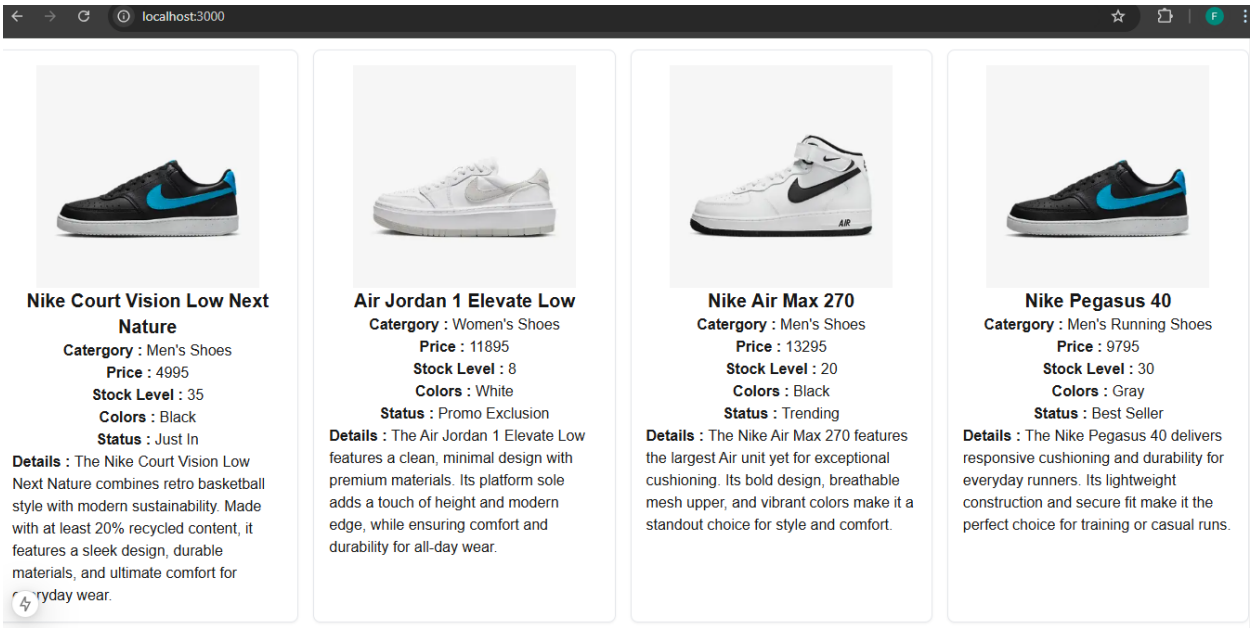
Nike Air Force 1 Mid '07
Catergory : Men's Shoes
Price : 10795
Stock Level : 20
Colors : White
Status : Just In
Details : The Nike Air Force 1 Mid '07 delivers timeless style with premium leather and mid-cut design. Perfect for yday wear, it provides exceptional comfort and durability. The iconic Air-

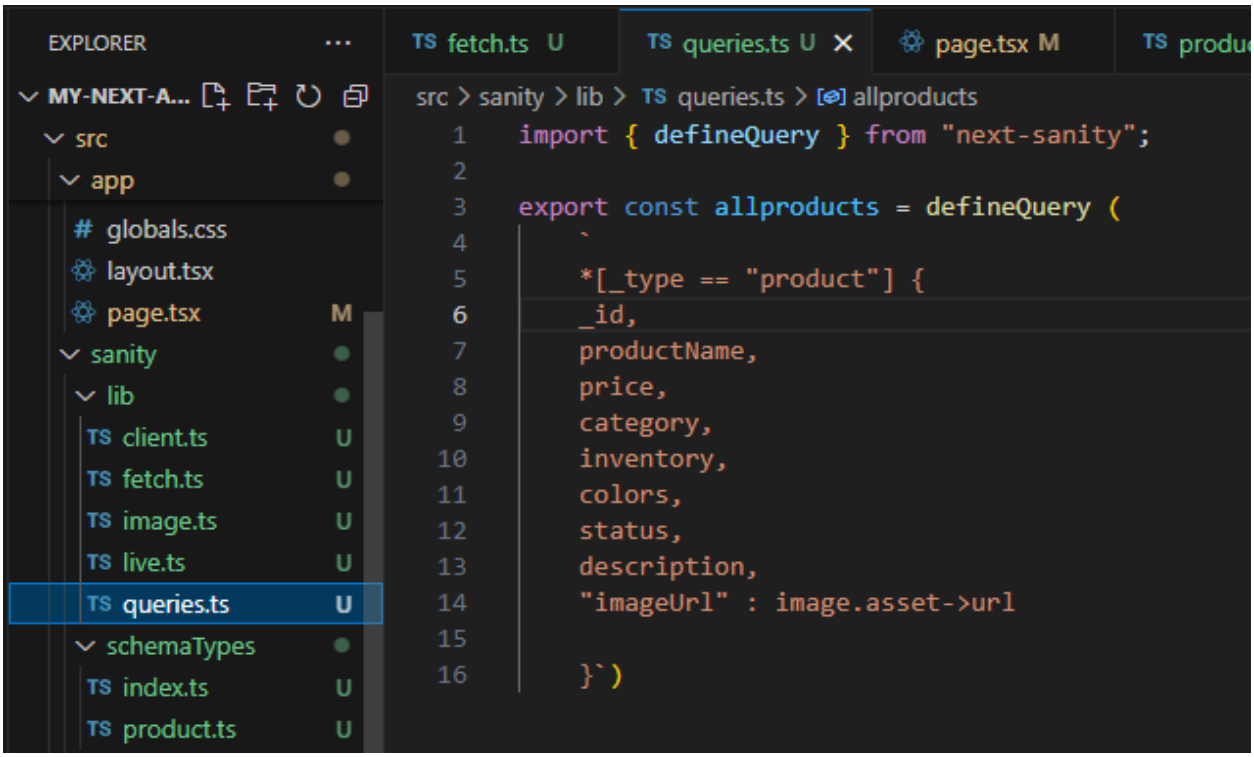
Nike Air Force 1 React
Catergory : Men's Shoes
Price : 13295
Stock Level : 12
Colors : White
Status : Just In
Details : The Nike Air Force 1 React takes the classic AF1 to the next level with React technology. Experience unparalleled cushioning and modern design details for all-day comfort and a

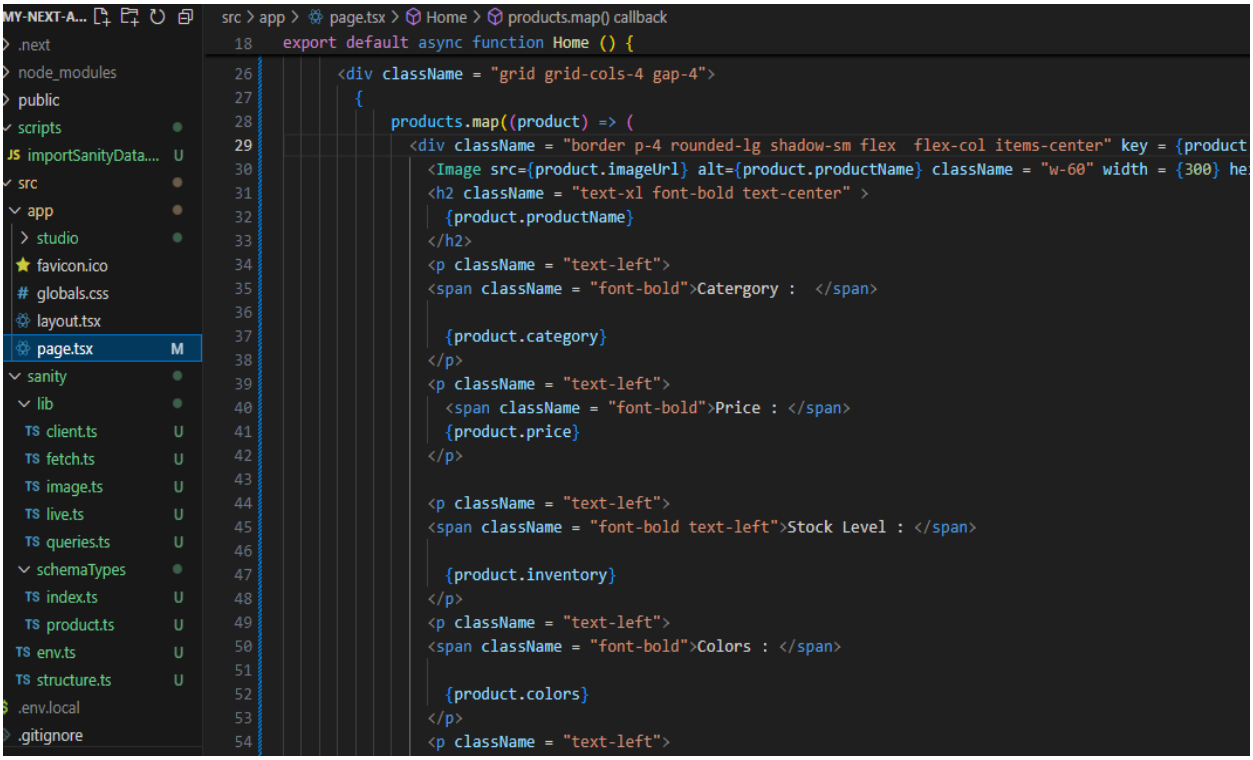
Nike Standard Issue Basketball Jersey
Catergory : Women's Basketball Jersey
Price : 2895
Stock Level : 40
Colors : White
Status : Just In
Details : The Nike Standard Issue Basketball Jersey delivers a lightweight, breathable fit for top performance. Designed for athletes, it combines style

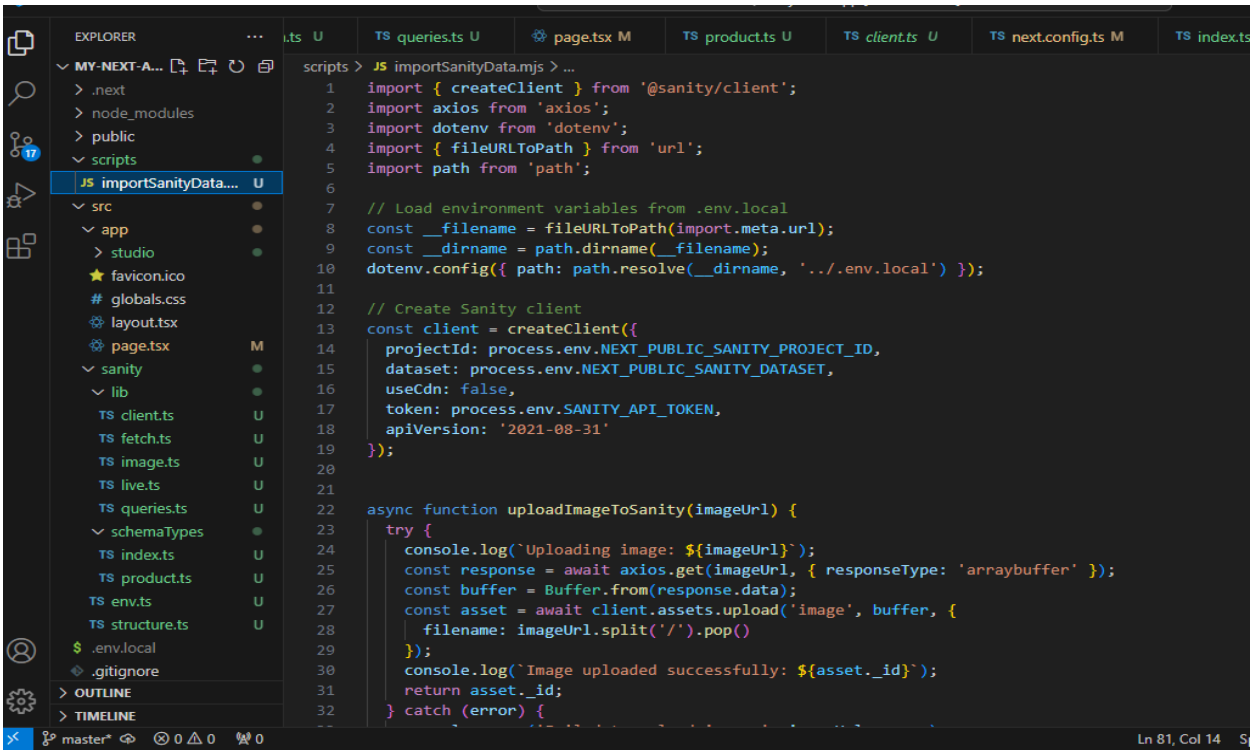
Nike Dri-FIT UV Hyverse
Catergory : Men's Short-Sleeve Graphic Fitness Top
Price : 2495
Stock Level : 50
Colors : Teal
Status : Sustainable Materials
Details : The Nike Dri-FIT UV Hyverse graphic top offers comfort and UV protection in style. Made from soft, breathable fabric, this fitness top keeps



Populate Sanity CMS Fields





API Integration , Fetch.ts

Migration Scripts