Day 3 - API Integration Report - Avion Date: 18-01-2025

Overview:

On Day 3, the focus was on integrating the API for fetching product data into the Avion Furniture E-commerce website. This involved setting up API endpoints, fetching data using Axios, and ensuring seamless integration with the front-end components.

API Integration Process:

Step 1: API Endpoint Setup

 $\textbf{API Endpoint:} \ \textbf{https://hackathon-apis.vercel.app/api/products}$

Data Structure: The API provides product data including:

productName, description, image, _id, features, dimensions, category, price

Step 2: Fetch Data from API

Library Used: Axios was used to fetch data from the API.

Code Snippet:

```
const response = await axios.get('https://hackathon-apis.vercel.app/api/products');
const products = response.data;
```

Product Schema:

Frontend Display:

New Ceramics



Marble Ease £419



Vase Set £150

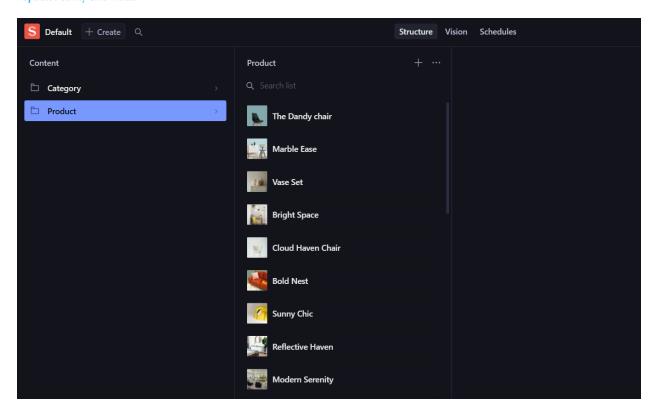


The Dandy chair



Bright Space £180

Populated Sanity CMS Fields:



M.AREEB MALIK

Final Checklist:

API	Schema	Data	API	Submission
Understanding	Validation	Migration	Integration in	Preparation
			Next.js	
✓	✓	✓	✓	✓