# ***Document Titled: “Day 3 API Integration And Data Migration”***

What to Submit:

o A report documenting:

♣ API integration process.

♣ Adjustments made to schemas.

♣ Migration steps and tools used.

Screenshots of:

♣ API calls

♣ Data successfully displayed in the frontend.

♣ Populated Sanity CMS fields.

o Code snippets for API integration and migration scripts.

Day 3 - API Integration and Data Migration:

OBJECTIVE:

The focus for Day 3 is integrating APIs and migrating data into Sanity CMS to build a functional marketplace backend. I learn how to utilize APIs for reference, migrate data into Sanity CMS. This approach replicates real-world practices and prepares to handle diverse client requirements, including integrating headless APIs or migrating existing data from popular eCommerce platform.

**VALIDATION AND ADJUST *PRODUCT DATA SCHEMA:***

The Schema in sanity CMS needs to align with the API structure to ensure seamless data migration. Key fields to validate include:

***PRODUCT SCHEMA:***

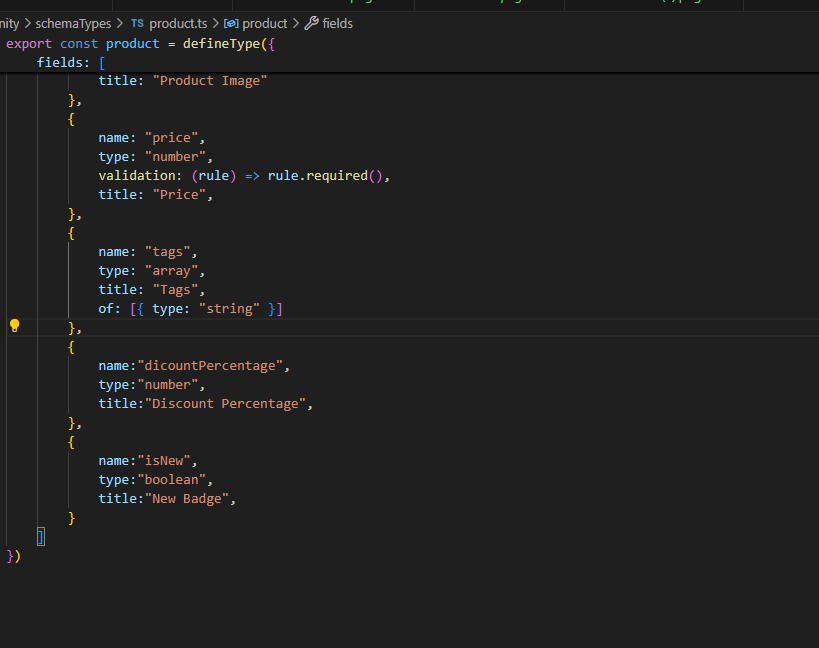
Name {string}: Product Name

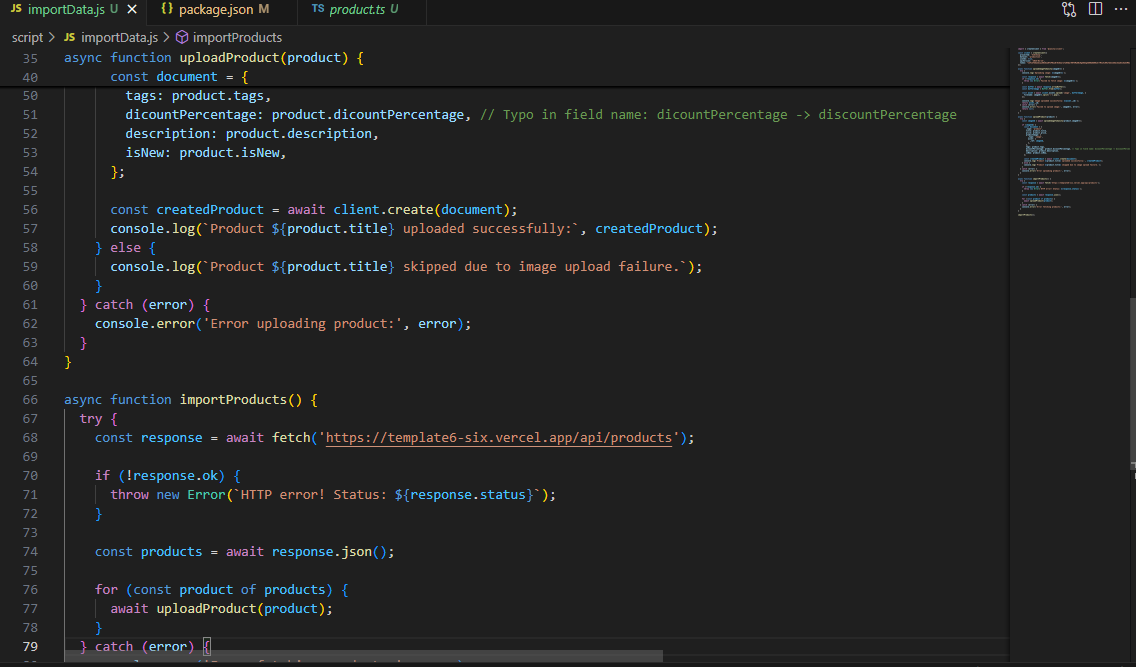
Price{number}: Product Price

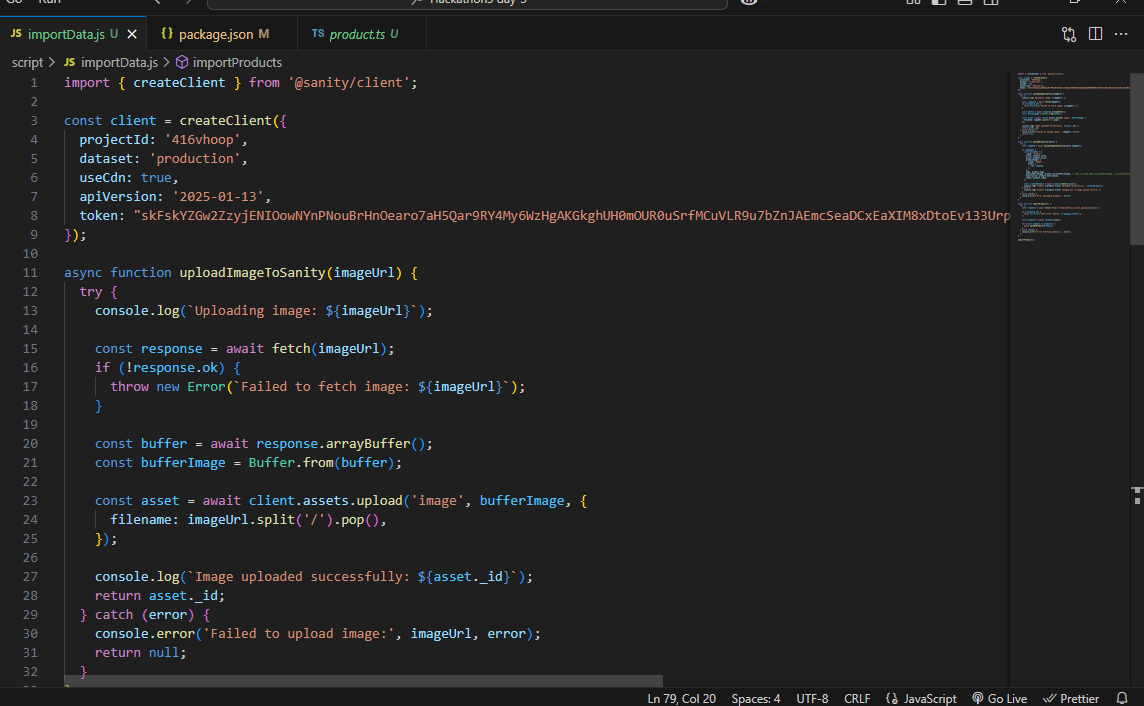
Discount{number}: Discount Percentage

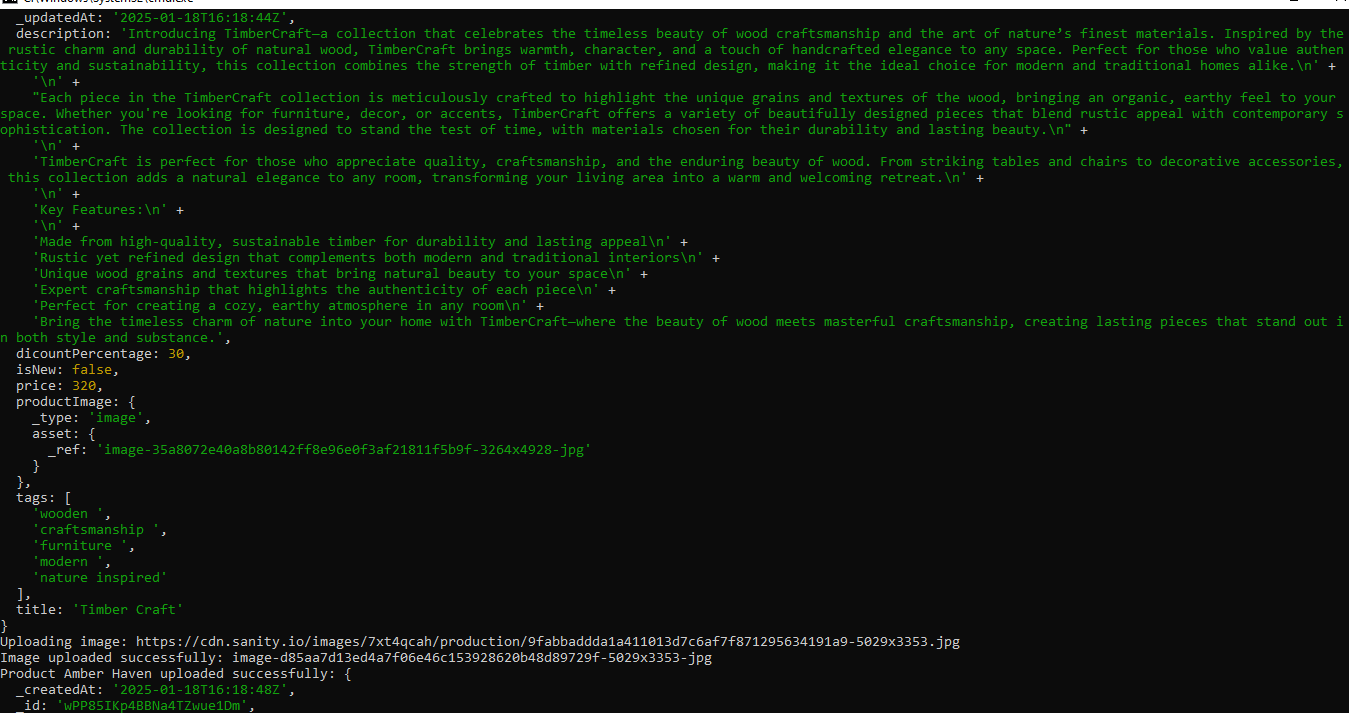
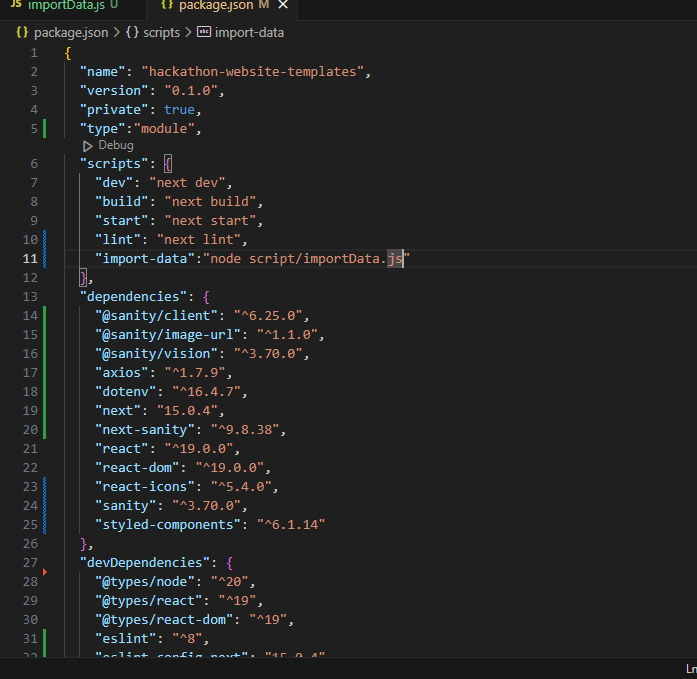
Description{string}: Description





**DATA MIGRATION:** 



**Package.json** :

**FLOW CHART AND API INTERATION:**

[API / External Data flow]

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[Fetch Data]

[Transform Data for sanity CMS]

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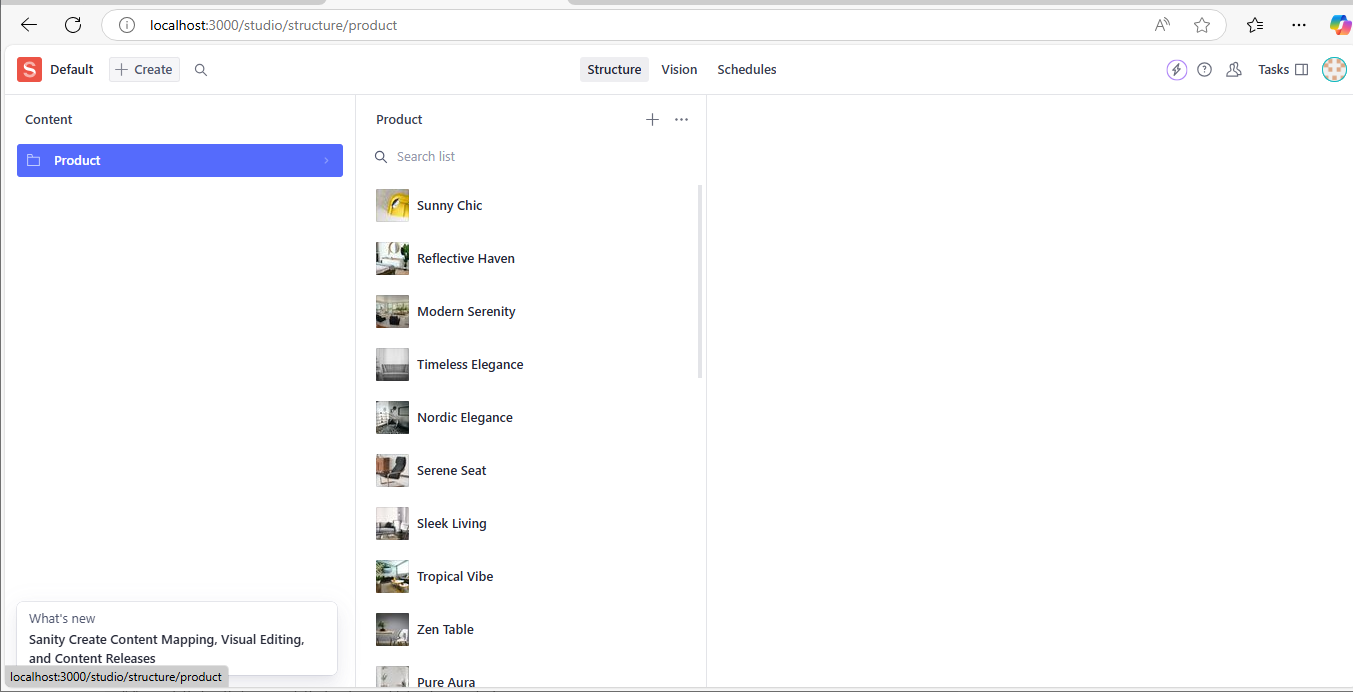
[Import Data into Sanity]

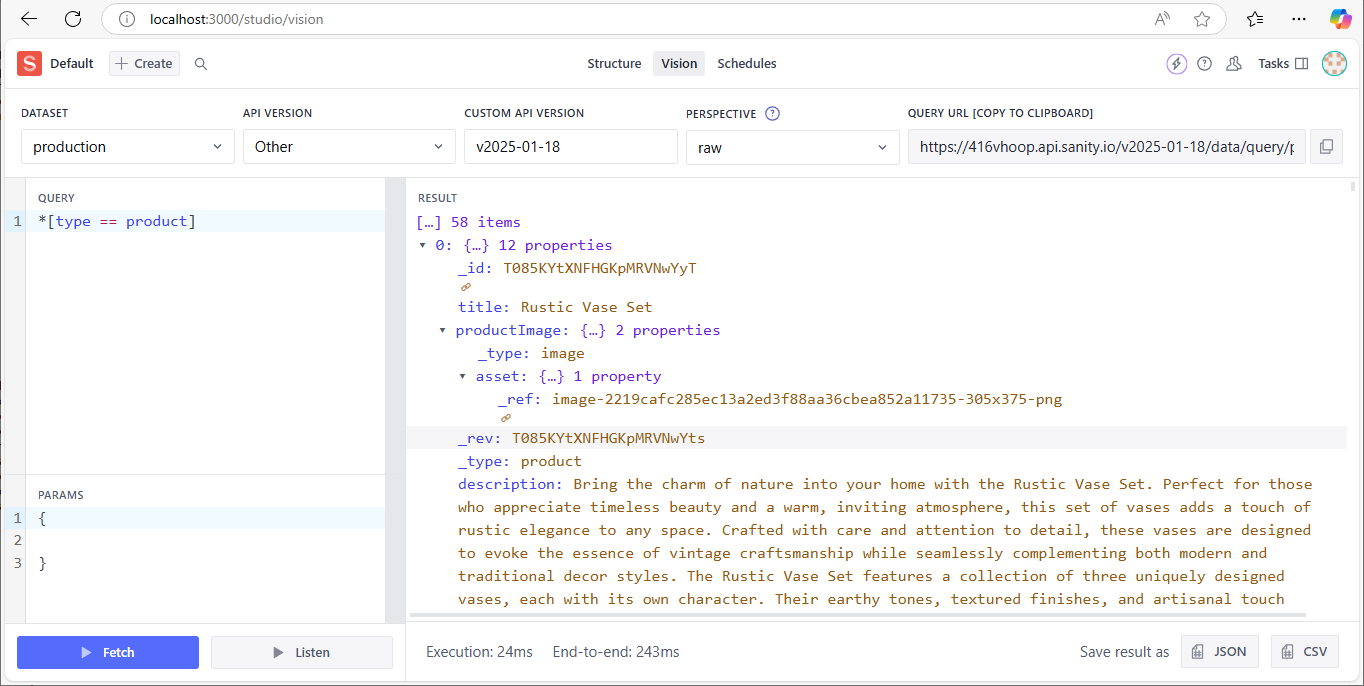
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[Next js Frontend]

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[Display Data Dynamically]





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