## Day\_3\_API\_Integration\_and\_Data\_Migration

# Hackathon E-commerce Marketplace Builder

Built with Next.js, Tailwind CSS, TypeScript & Sanity

#### Introduction

In this project, I developed a **fully functional e-commerce marketplace** using modern web technologies. The platform enables seamless buying and selling experiences with a scalable, high-performance architecture.

## **Tech Stack & Tools Used**

- Next.js Server-side rendering (SSR) & static site generation (SSG) for optimal performance.
- Tailwind CSS Utility-first styling for a responsive and modern UI.
- ▼ TypeScript Enhanced type safety and maintainability.
- ✓ Sanity CMS Headless content management system for dynamic data.
- APIs Integrated various APIs for seamless data fetching and processing.

## **Key Features**

- **Dynamic Product Listings** Users can browse, filter, and search for products in real-time.
- **Cart & Checkout** Fully functional shopping cart with a smooth checkout process.
- API Integration Connected with backend services for product and order management.
- Responsive UI Optimized for both mobile and desktop users.
- Fast Performance Leveraging SSR & optimized builds for better load times.

## **Development Approach**

- Frontend Development Built reusable Next.js components with Tailwind CSS for scalability.
- Backend Integration Utilized Sanity CMS for product and content management.
- State Management Implemented best practices for managing app-wide state efficiently.
- API Handling Fetched and processed data dynamically for a seamless user experience.

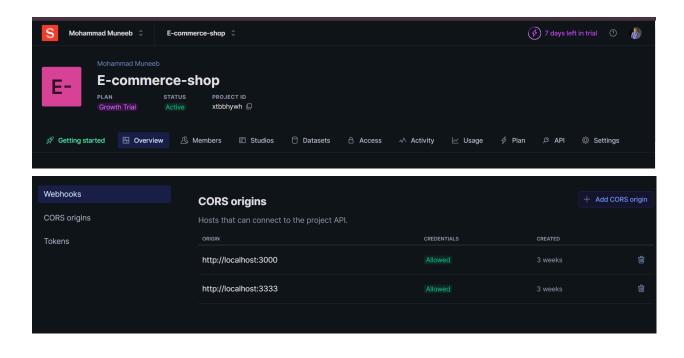
## **Screenshots & Demonstration**

**Tokens** 

NAME

Token-Shop-Day-3

Tokens are used to authenticate apps and scripts to access



PERMISSIONS

+ Add API token

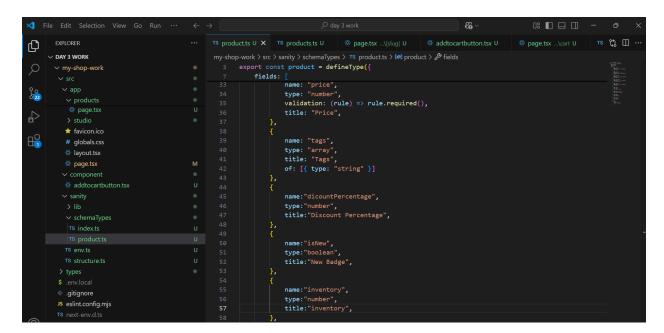
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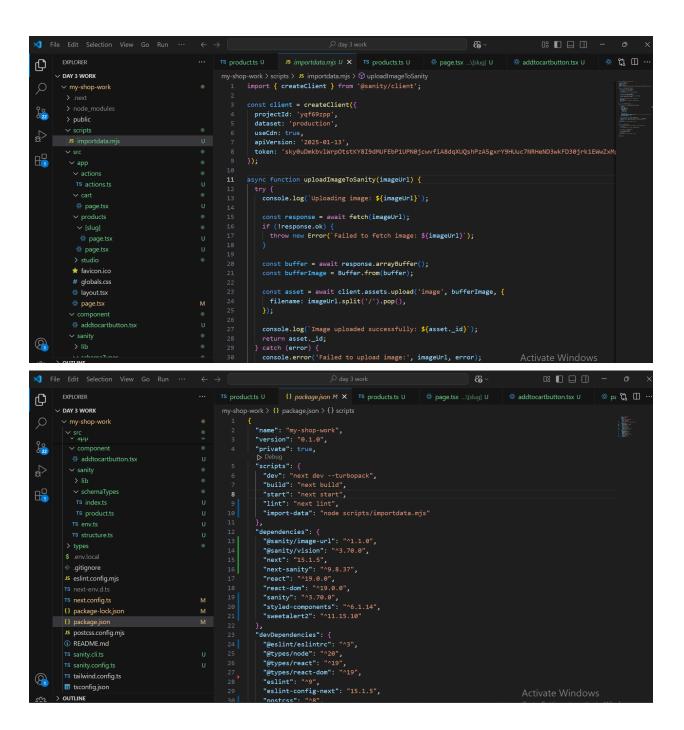
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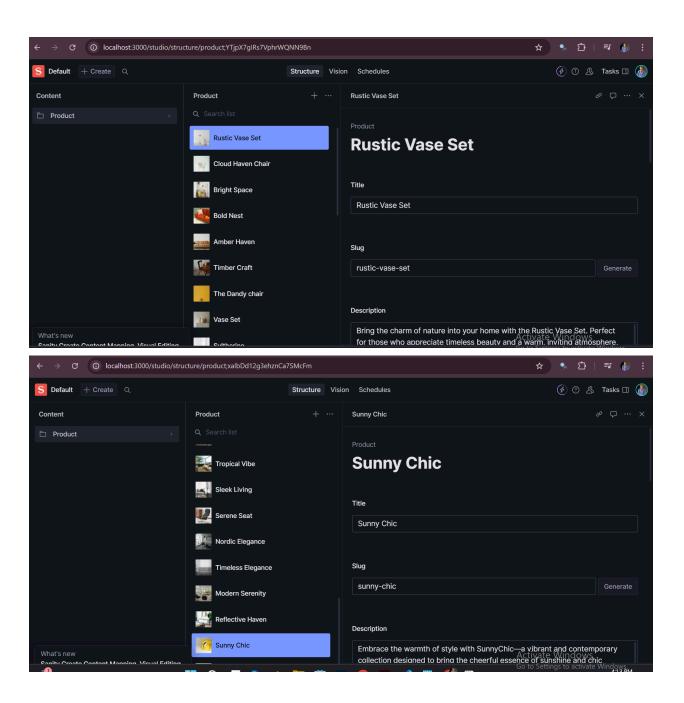
∨ DAY 3 WORK

✓ my-shop-work

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title: "Product",
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# **Latest Products**



Timber Craft Price: \$320

1 TICE. \$520

View Details



Rustic Vase Set Price: \$210

View Details



**Cloud Haven Chair** 

Price: \$230

View Details



**Bright Space** 

Price: \$180

View Details/ind

