Marketplace Builder Hackathon 2025

DAY 3 - API INTEGRATION AND DATA MIGRATION

Introduction:

The Nike Store website is a sleek, user-friendly platform offering a wide range of premium shoes, clothing, and accessories. Designed for style and performance enthusiasts, the site features detailed product categories, dynamic filters, and high-quality visuals to enhance the shopping experience. With an emphasis on innovation and quality, the website ensures a seamless browsing and purchasing process, making it the go-to destination for Nike fans

Api overview:

The API leverages Sanity as a headless CMS to manage and deliver structured content for a dynamic website. It provides endpoints to fetch product data, including names, descriptions, prices, images, and stock levels, ensuring real-time updates and scalability. The API integrates seamlessly with Sanity's GROQ queries, allowing efficient data retrieval and flexible content management. This setup enables dynamic and personalized user experiences while maintaining a consistent, streamlined backend for managing products and other site content

Category Schema:

This schema defines a Product document for use in Sanity CMS. It includes the following fields:
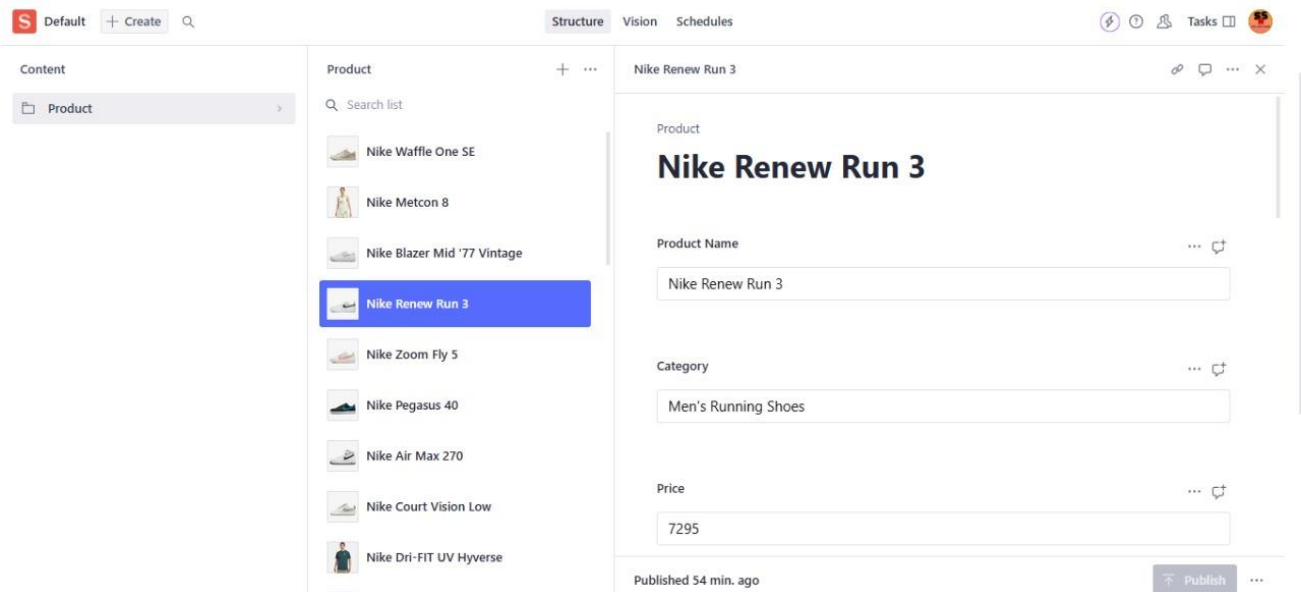
1. Product Name (productName): A string field for storing the name of the product.

2. Category (category): A string field to specify the product category (e.g., shoes, clothing).

3. Price (price): A number field to hold the price of the product.

This schema serves as the foundation for managing product data dynamically, enabling structured content creation and retrieval.

```typescript
export const productSchema = {
    name: 'product',
    title: 'Product',
    type: 'document',
    fields: [
      {
        name: 'productName',
        title: 'Product Name',
        type: 'string',
      },
      {
        name: 'category',
        title: 'Category',
        type: 'string',
      },
      {
        name: 'price',
        title: 'Price',
        type: 'number',
```

Sanity:

Day 3 Checklist:

Self-Validation Checklist:

API Understanding: • ✔ or ✗

Schema Validation: • ✔ or ✗

Data Migration: • ✔ or ✗

API Integration in Next.js: • ✔ or ✗

Submission Preparation: • ✔ or ✗