

HACKATHON # 03: DAY 3

MARKETPLACE BUILDER ECOMMERCE

WEBSITE:

Sanity API Data Fetch and Import

Here's the updated content with all the code removed while retaining the remaining explanations and details:

Hackathon 3 - Day 3 Task

Sanity API Data Fetch and Import

1. Sanity Client Configuration

This section explains the initialization of the Sanity client using environment variables. The following parameters are configured:

- projectId: Project ID from the Sanity dashboard.
- dataset: Dataset name (e.g., 'production').
- token: API token for authentication.
- apiVersion: Specifies the version of the Sanity API to use.
- useCdn: Set to false to ensure fresh data is fetched.

2. Image Upload Function

The image upload process involves:

- Fetching the image data using a URL.
- Converting the data into a suitable format for uploading.
- Uploading the image as an asset in Sanity.
- Returning a unique asset ID for further processing.

3. Data Import Function

The data import process involves:

- Fetching product data from an external API.
- Processing each product to:

- Upload its image (if available).
- Create a corresponding document in Sanity.
- Logging progress and managing errors throughout the process.

4. Environment Variables

The following environment variables are used for configuration:

- NEXT_PUBLIC_SANITY_PROJECT_ID: Project ID from the Sanity dashboard.
- NEXT_PUBLIC_SANITY_DATASET: Dataset name (e.g., 'production').
- SANITY_API_TOKEN: API token with the necessary permissions.

Example Values for Environment Variables:

NEXT_PUBLIC_SANITY_PROJECT_ID="6an6k5ne"

NEXT_PUBLIC_SANITY_DATASET="production"

SANITY_API_TOKEN="skgFV6V3kmdaBnllaHRAI83CazLkEQxXa3XEN2E0JLihLeJtDLOGQQ98CMY2I38X8RQow6lxz0Rk7fZDpHeVOnW84uhUu9Iyt0E8R9MAJOjfd5utcsxbYIG7Pxc8oRVGgTC9ECGUWt5fAakZRhEW7VzxeMx46n2IACi8glcAHrGoUWFygksS"