FurniStore API Integration Report

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API Integration Process

Objective: The goal was to import product data from a mock API into the Sanity CMS, and then display this data on the front end of a Next.js project, which is connected to Sanity.

Steps:

1. **Setting up Mock API Data:** Initially, product data for the furniture marketplace was added to a mock API. This mock API served as the source for product information.
2. **Sanity Schema Setup:** I created a schema in Sanity to match the structure of the product data. This schema allowed Sanity to store product details such as ID, image, title, and price.
3. **Fetching Data from Mock API:** To import the data into Sanity, I used the `sanityClient.mjs` file to fetch the data from the mock API. The data was successfully fetched and appeared as a list in the Sanity dashboard.
4. **Sanity Query:** I wrote the following query to retrieve the product data from Sanity:

   *[_type == "product"] | order(id asc) {

   Id,

   Image,

   Title,

   price

```
}
```

This query fetched product details in the required order.

5. Fetching Data in Next.js: In the `shop/page.tsx` file of my Next.js project, I used the Sanity client to fetch this data. I implemented the query within the page to ensure proper data fetching.

6. Rendering Data: The fetched product data was successfully rendered on the page, and I was able to see the products displayed correctly in the browser.

Challenges: Since I had already practiced this integration process, there were no major issues encountered. The integration was seamless, and the process was successfully completed.

Conclusion: By following the steps above, I was able to integrate product data from a mock API into Sanity and display it on my Next.js project. This was accomplished efficiently with no issues, and the product data is now fully functional and visible on the site.