

Day 3: API INTEGRATION REPORT _ AVION

API INTEGRATION PPROCESS

1. **Frontend (Next.js)**

On the frontend, either `axios` or the `fetch` method is used to handle API requests sent to the backend.

2. **Backend with Sanity CMS**

The backend utilizes Sanity CMS to manage and store data, offering APIs for interaction. Appropriate HTTP methods such as `GET` and `POST` will be used to define routes for each endpoint.

3. **Authentication**

Authentication is not included in this project as it is unnecessary for the furniture website.

DATA MIGRATION AND SANITY SCHEMA

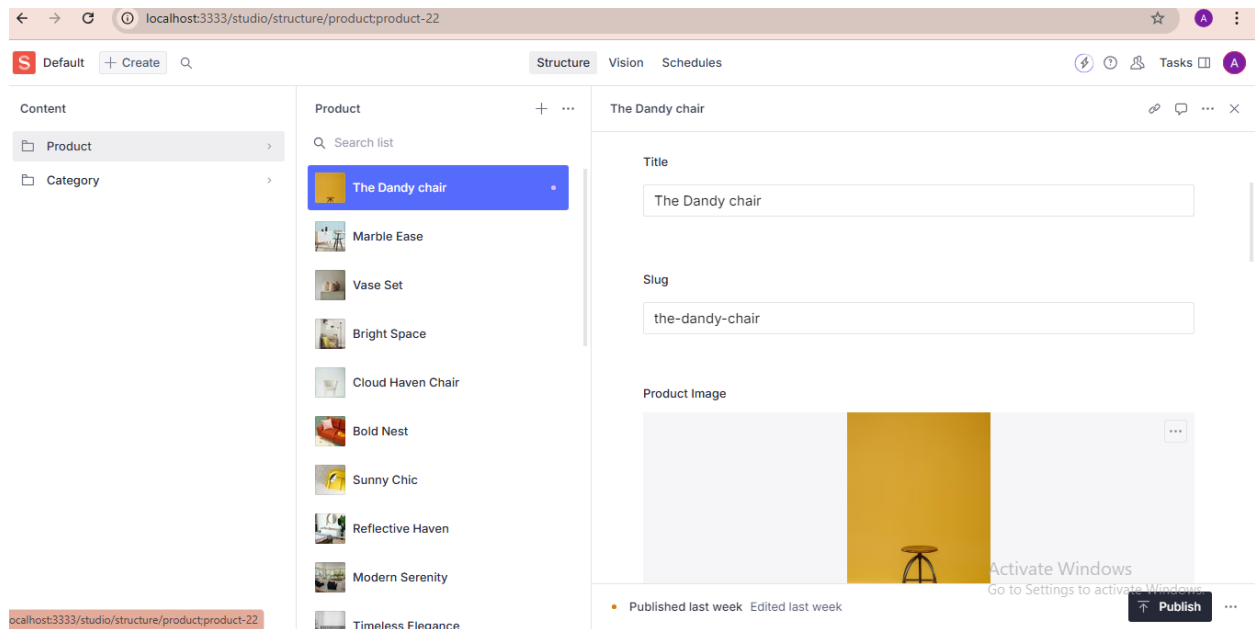
```
export const product = defineType({
  name: "product",
  title: "Product",
  type: "document",
  fields: [
    defineField({
      name: "category",
      title: "Category",
      type: "reference",
      to: [{
        type: "category"
      }]
    })
  ],
  defineField({
    name: "name",
    title: "Title",
```

```
        validation: (rule) => rule.required(),
        type: "string"
    )),
    defineField({
        name: "slug",
        title: "Slug",
        validation: (rule) => rule.required(),
        type: "slug"
    )),
    defineField({
        name: "image",
        type: "image",
        validation: (rule) => rule.required(),
        title: "Product Image"
    )),
    defineField({
        name: "price",
        type: "number",
        validation: (rule) => rule.required(),
        title: "Price",
    )),
    defineField({
        name: "quantity",
        title: "Quantity",
        type: "number",
        validation: (rule) => rule.min(0),
    )),
    defineField({
        name: "tags",
        type: "array",
        title: "Tags",
        of: [{
            type: "string"
        }]
    )),
    defineField({
        name: 'description',
        title: 'Description',
        type: 'text',
        description: 'Detailed description of the product',
    )),
    defineField({
        name: 'features',
        title: 'Features',
        type: 'array',
```

```

    of: [{ type: 'string' }],
    description: 'List of key features of the product',
  )),
  defineField({
    name: 'dimensions',
    title: 'Dimensions',
    type: 'object',
    fields: [
      { name: 'height', title: 'Height', type: 'string' },
      { name: 'width', title: 'Width', type: 'string' },
      { name: 'depth', title: 'Depth', type: 'string' },
    ],
    description: 'Dimensions of the product',
  )),
]
})

```



New Ceramics



The Dandy chair
\$150.00



Vase Set
\$150.00



Rustic Vase Set
\$210.00



The Lucky Lamp
\$200.00

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Activate Windows
Go to Settings to activate Windows.