Hackathon Day_3
Day_3_API Integration Report -[Casa Craft]

A Report Document:

Fetching Data from API

I fetch data from an external API using MockAPI. The API return a list of products detail like name , image , category , style

Handling Image:

The image URL was Fetched .

Importing Data into sanity:

The product data was created in the sanity using sanity client .

Adjustment Made to schema:

Schema Adjustment:

I add a new field of category , style , id and dimension.

```
export const product = {

    name: "product",

    title: "Product",

    type: "document",

    fields: [

        {
```

```
    name: "name",

    title: "Product Name",

    type: "string",



  },
  {

    name: "category",

    title: "Category",

    type: "string",

    options: {

      list: ["Sofa", "Table", "Chair", "Bed", "Wardrobe", "Shelf"],

    },

  },

  {

    name: "price",

    title: "Price",

    type: "number",



  },

  {

    name: "discountedPrice",

    title: "Discounted Price",

    type: "number",
```

```
    },
    {
      name: "quantity",
      title: "Quantity",
      type: "number",


    },
    {
      name: "image",
      title: "Product Image",
      type: "url",
      options: {
        hotspot: true,
      },
    },
    {
      name: "dimensions",
      title: "Dimensions",
      type: "object",
      fields: [
        { name: "height", title: "Height (cm)", type: "number" },
        { name: "width", title: "Width (cm)", type: "number" },
      ],
```

```
      },

      {

        name: "style",

        title: "Style",

        type: "string",

        options: {

          list: ["Classical", "Industrial", "Cottage", "Modern",
"Minimalist"],

        },

      },

    ],

  };
```

Migration of Data:

```
async function importData() {

    try {

        // Fetch data from external API

        const response = await
axios_1.default.get('https://678a6e71dd587da7ac2a2502.mockapi.io/products'
);

        const products = response.data;

        console.log(products);


        for (const product of products) {
```

```javascript
            let imageRefs = await uploadImagesToSanity(product.images);;



            // Upload images and get asset references

            if (product.images) {

                // If images is a single URL (string)

                imageRefs = await uploadImagesToSanity([product.images]);
// Wrap the URL in an array

            }



            const sanityProduct = {

                _id: `mockapi-product-${product.id}`,

                _type: 'product',

                name: product.name,

                price: product.price,

                image:product.image,

                discountPercentage: product.discountPercentage || 0,

                description: product.description || '',

                isNew: product.isNew ?? true,

                dimension: {

                  height: product.dimension?.height || 0,

                  width: product.dimension?.width || 0,

                },

                category: product.category || 'Uncategorized',
```

```
            quantity: product.quantity || 0,

            style: product.style || 'Modern',


        };
```

Screenshot: