

Day 3

Template 1

install sanity and create clean project
and add token in env.local

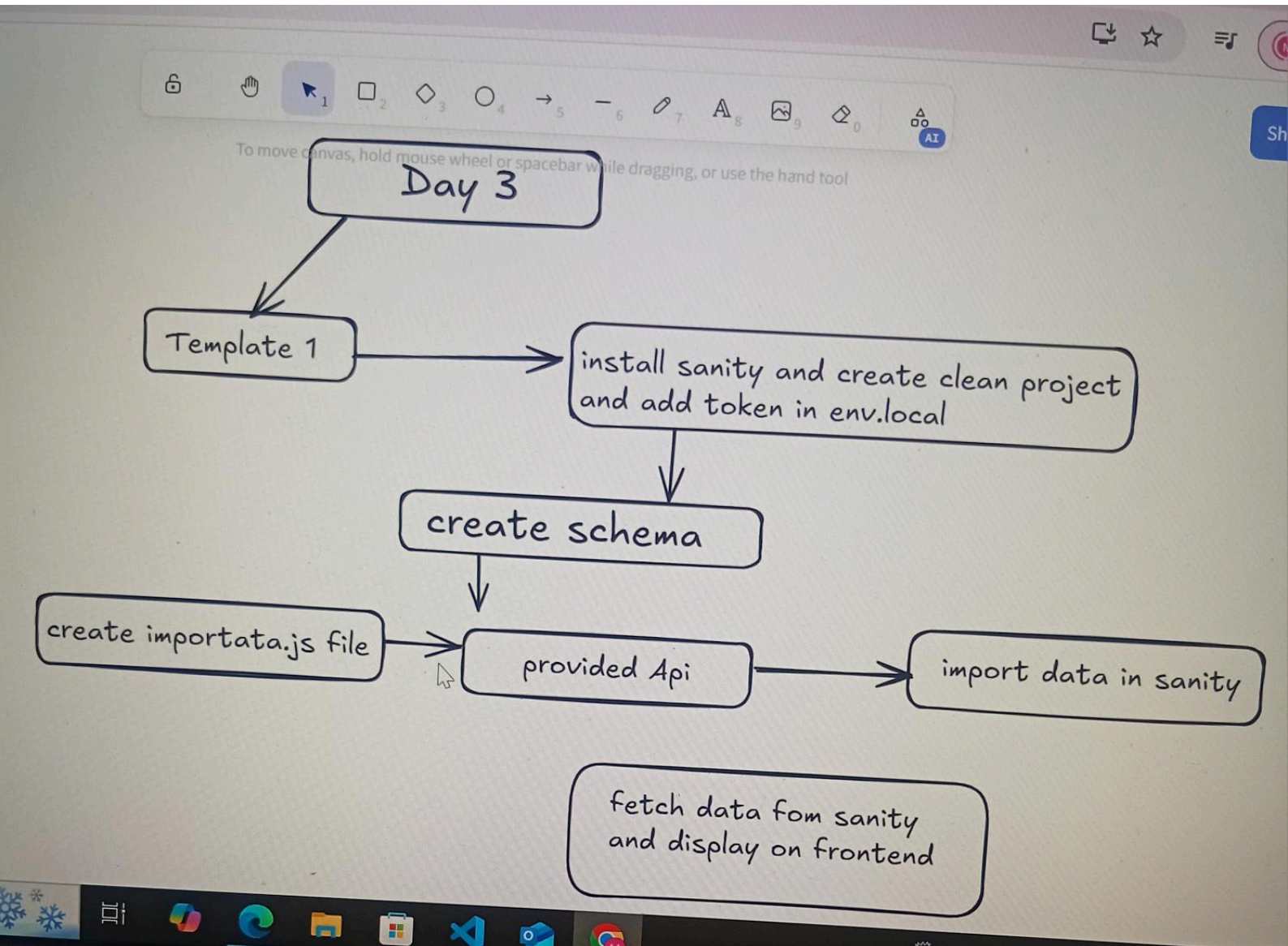
create schema

create importata.js file

provided Api

import data in sanity

fetch data fom sanity
and display on frontend



Day 3 Documentation

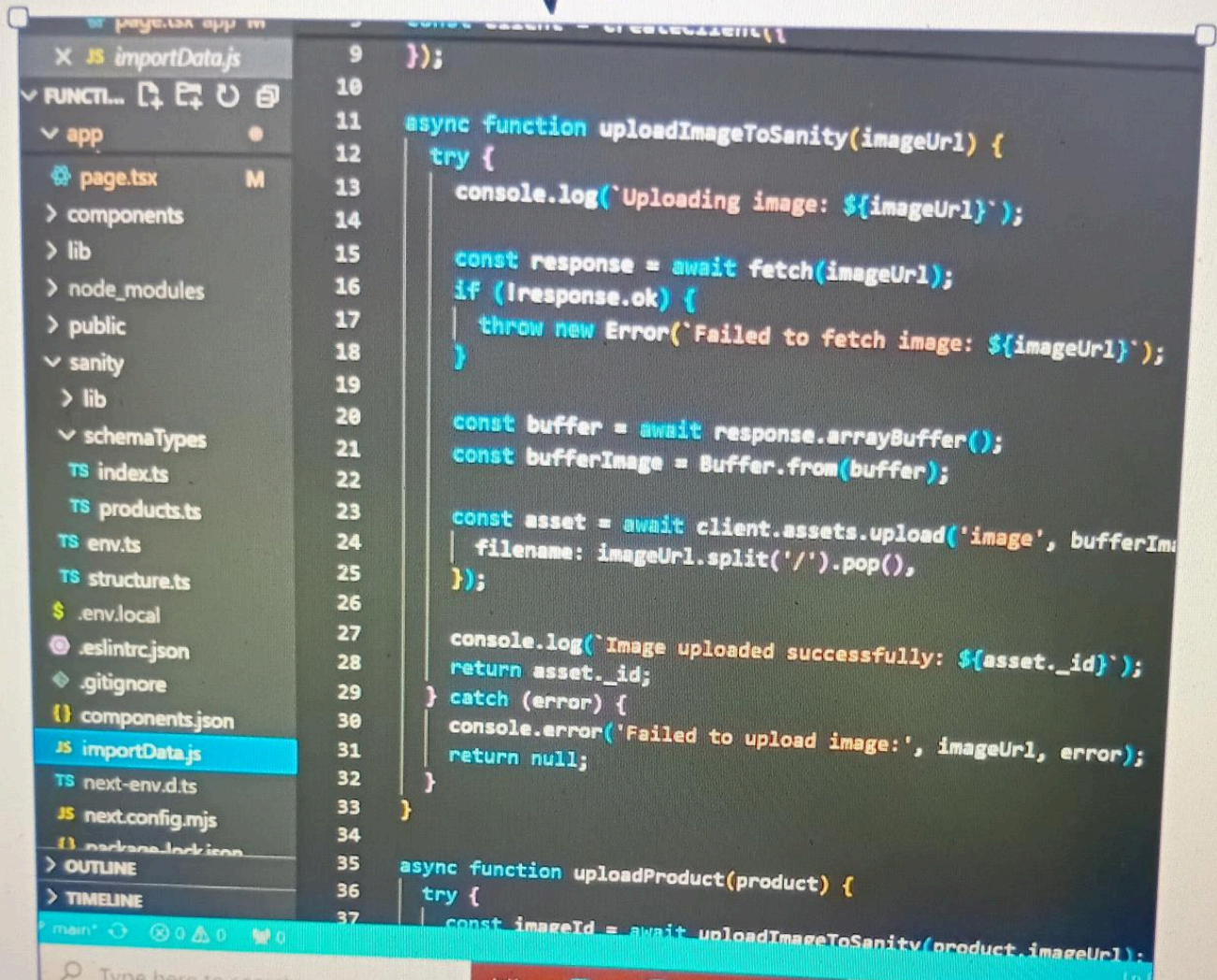
market place name is General E-Commerce and I choose template 1 and install sanity in this project and go to the sanity dashboard and create project and add API token and project id in env.local file provided API and schema and importData.js file helpful for import data in sanity Before import data in sanity we have an error of missing token in js file so we add token in js file and also make changes in json file type:module and import data line added so open the terminal and run command "npm run import-data" so console represent shows data import in sanity we open the sanity studio and display all data import so go the vision and write query related to the fetching to sanity so I fetched product from sanity and displays on frontend that was the steps of data integration and migration steps completely.

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provided Schema

```
sanity > schemaTypes > TS products.ts > [●] default > fields
1  import { defineType } from "sanity"
2
3  export default defineType({
4    name: 'products',
5    title: 'Products',
6    type: 'document',
7    fields: [
8      {
9        name: 'name',
10       title: 'Name',
11       type: 'string',
12     },
13     {
14       name: 'price',
15       title: 'Price',
16       type: 'number',
17     },
18     {
19       name: 'description',
20       title: 'Description',
21       type: 'text',
22     },
23   ],
24 })
```

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importData.js file



```
9  });
10
11  async function uploadImageToSanity(imageUrl) {
12    try {
13      console.log(`Uploading image: ${imageUrl}`);
14
15      const response = await fetch(imageUrl);
16      if (!response.ok) {
17        throw new Error(`Failed to fetch image: ${imageUrl}`);
18      }
19
20      const buffer = await response.arrayBuffer();
21      const bufferImage = Buffer.from(buffer);
22
23      const asset = await client.assets.upload('image', bufferImage, {
24        filename: imageUrl.split('/').pop(),
25      });
26
27      console.log(`Image uploaded successfully: ${asset._id}`);
28      return asset._id;
29    } catch (error) {
30      console.error(`Failed to upload image:`, imageUrl, error);
31      return null;
32    }
33  }
34
35  async function uploadProduct(product) {
36    try {
37      const imageId = await uploadImageToSanity(product.imageUrl);
```


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console data

```
169
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
CAT...

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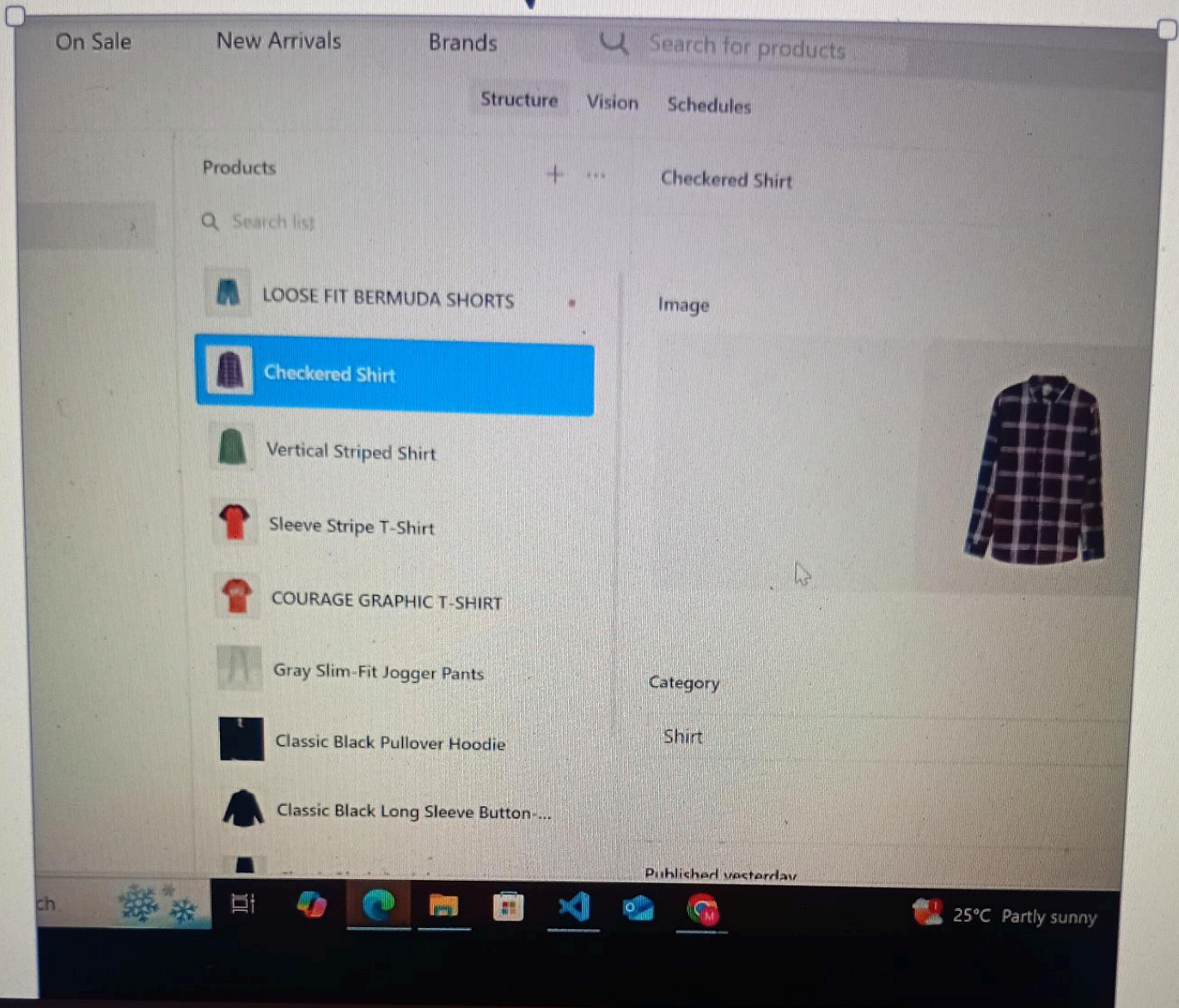
E:\functionality-hackathon>npm run import-data

> hackathon-figma@0.1.0 import-data
> node importData.js

Uploading image: https://cdn.sanity.io/images/7xt4qcah/production/4e2ed6a9eaa6e141384
Image uploaded successfully: image-4e2ed6a9eaa6e1413843e53f3113ccfd2104c301-278x296-p
Product Casual Green Bomber Jacket uploaded successfully: {
  _createdAt: '2025-01-19T12:55:40Z',
  _id: 'NxaIkVF0z91aTr5xFqWXXFT',
  _rev: 'NxaIkVF0z91aTr5xFqWXXbK',
  _type: 'product',
  _updatedAt: '2025-01-19T12:55:40Z',
  category: 'hoodie',
  description: "This stylish green bomber jacket offers a sleek and modern twist on a c
mfortable fabric, it features snap buttons and ribbed cuffs, giving it a sporty yet ref
s it perfect for layering over casual t-shirts or hoodies. Whether you're out with frie
ovides a laid-back yet fashionable vibe. Its muted green color adds a subtle, earthy to
outfits, making it a versatile addition to your casual wardrobe.",
  discountPercent: 20,
  image: {
  },
},
isNew: true,
name: 'Casual Green Bomber Jacket',
price: 300
}
```


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import data sanity



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frontend display

