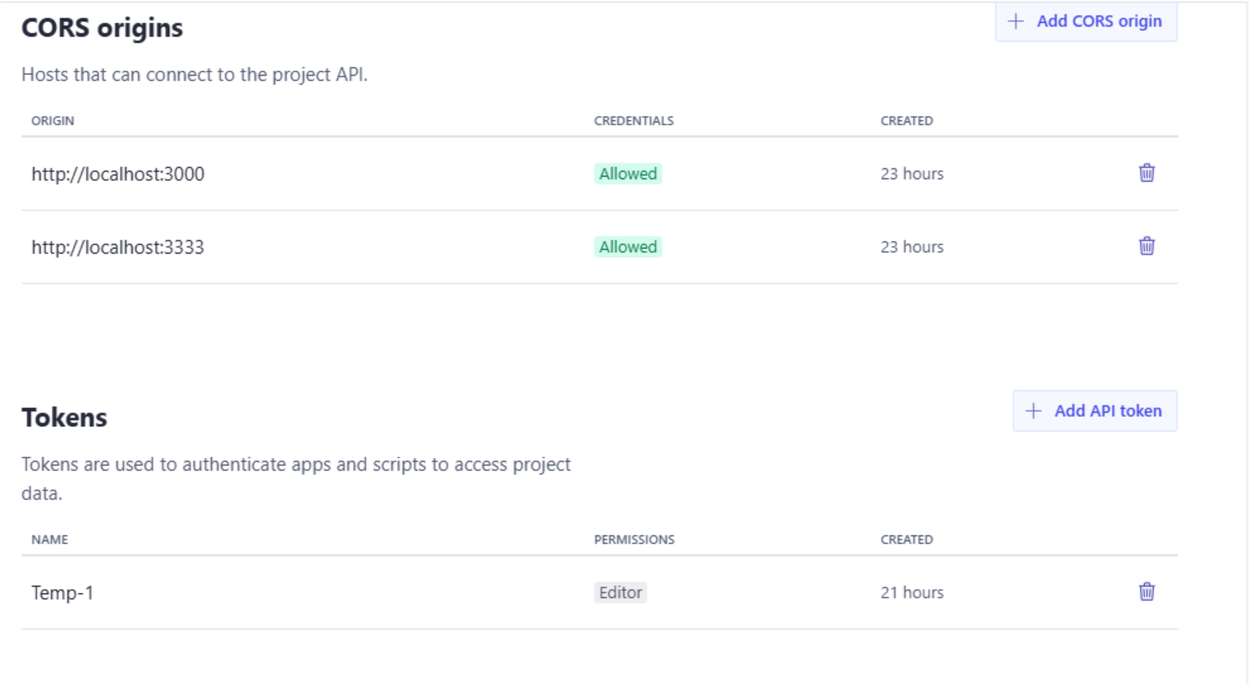
DAY 3 - API INTEGRATION REPORT - [SHOP.CO]

Project created on sanity



CORS origins

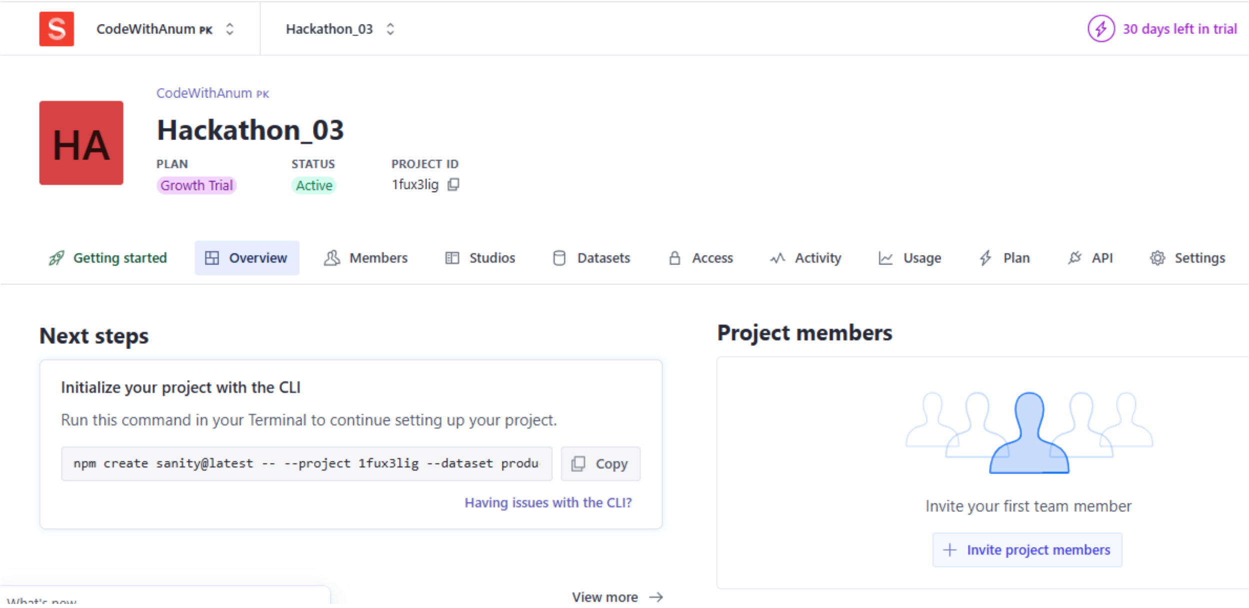
Hosts that can connect to the project API.

ORIGIN	CREDENTIALS	CREATED
http://localhost:3000	Allowed	23 hours
http://localhost:3333	Allowed	23 hours

Tokens

Tokens are used to authenticate apps and scripts to access project data.

NAME	PERMISSIONS	CREATED
Temp-1	Editor	21 hours



CodeWithAnum PK

Hackathon_03

PLAN: Growth Trial

STATUS: Active

PROJECT ID: 1fux3lig

Next steps

Initialize your project with the CLI

Run this command in your Terminal to continue setting up your project.

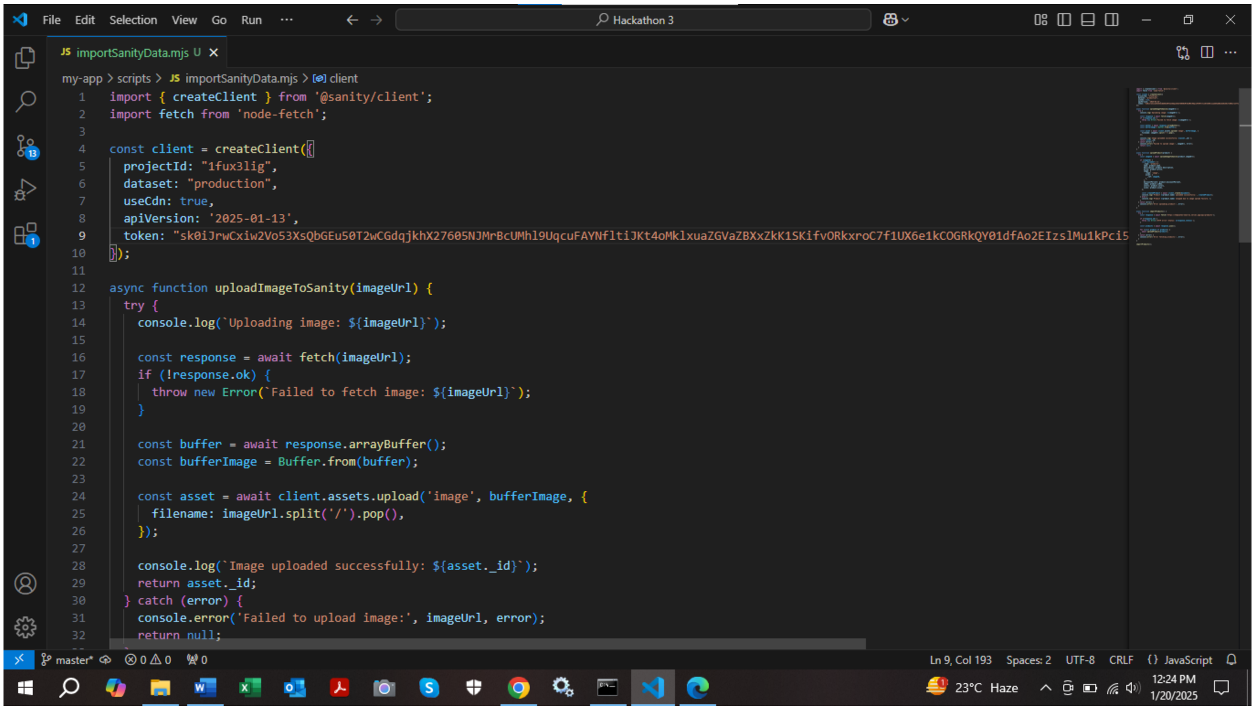
```
npm create sanity@latest -- --project 1fux3lig --dataset produ
```

What's new

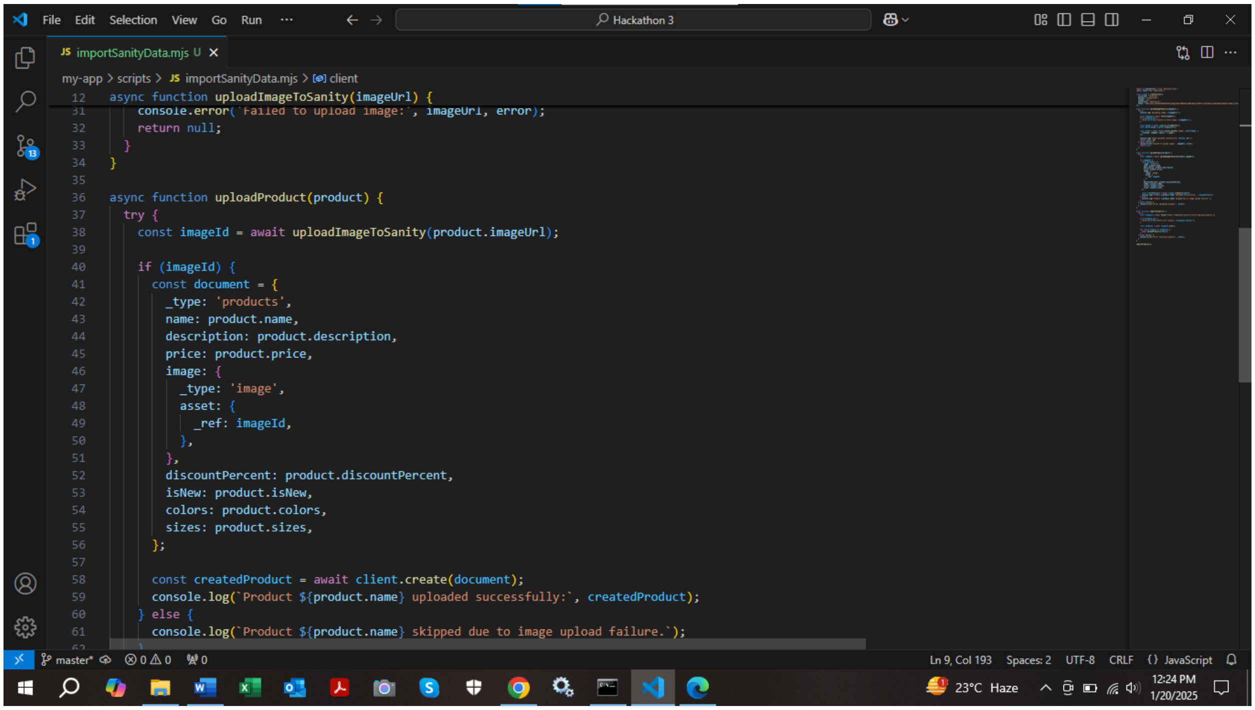
Project members

Invite your first team member

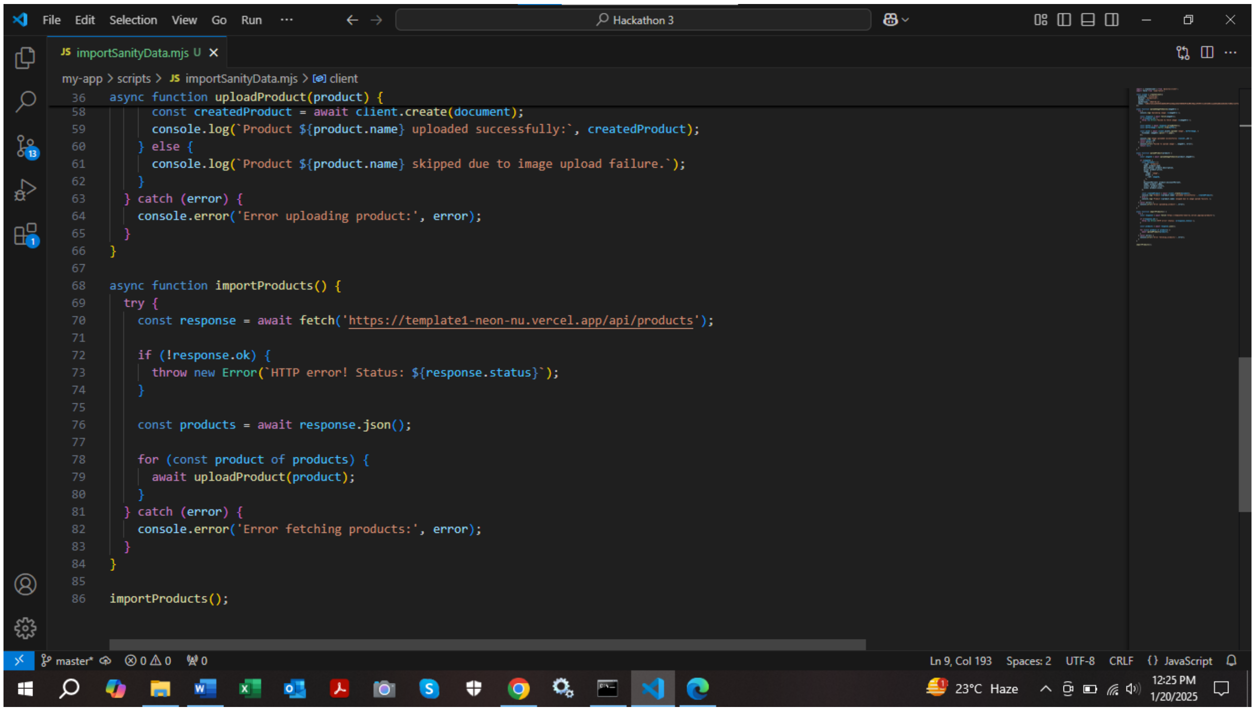
importSanityData.mjs file



```javascript
import { createClient } from '@sanity/client';
import fetch from 'node-fetch';

const client = createClient({
  projectId: "1fux3lig",
  dataset: "production",
  useCdn: true,
  apiVersion: '2025-01-13',
  token: "sk0iJrwCxiw2Vo53XsQbGEu50T2wCGdqjkhX27605NJMrBcUMhl9UqcuFAYNfltiJKt4oMklxuaZGVaZBXxZkK1SKifvORkxroC7f1UX6e1kCOGRkQY01dfAo2EIzslMu1kPci5
});

async function uploadImageToSanity(imageUrl) {
  try {
    console.log(`Uploading image: ${imageUrl}`);

    const response = await fetch(imageUrl);
    if (!response.ok) {
      throw new Error(`Failed to fetch image: ${imageUrl}`);
    }

    const buffer = await response.arrayBuffer();
    const bufferImage = Buffer.from(buffer);

    const asset = await client.assets.upload('image', bufferImage, {
      filename: imageUrl.split('/').pop(),
    });

    console.log(`Image uploaded successfully: ${asset._id}`);
    return asset._id;
  } catch (error) {
    console.error('Failed to upload image:', imageUrl, error);
    return null;
```

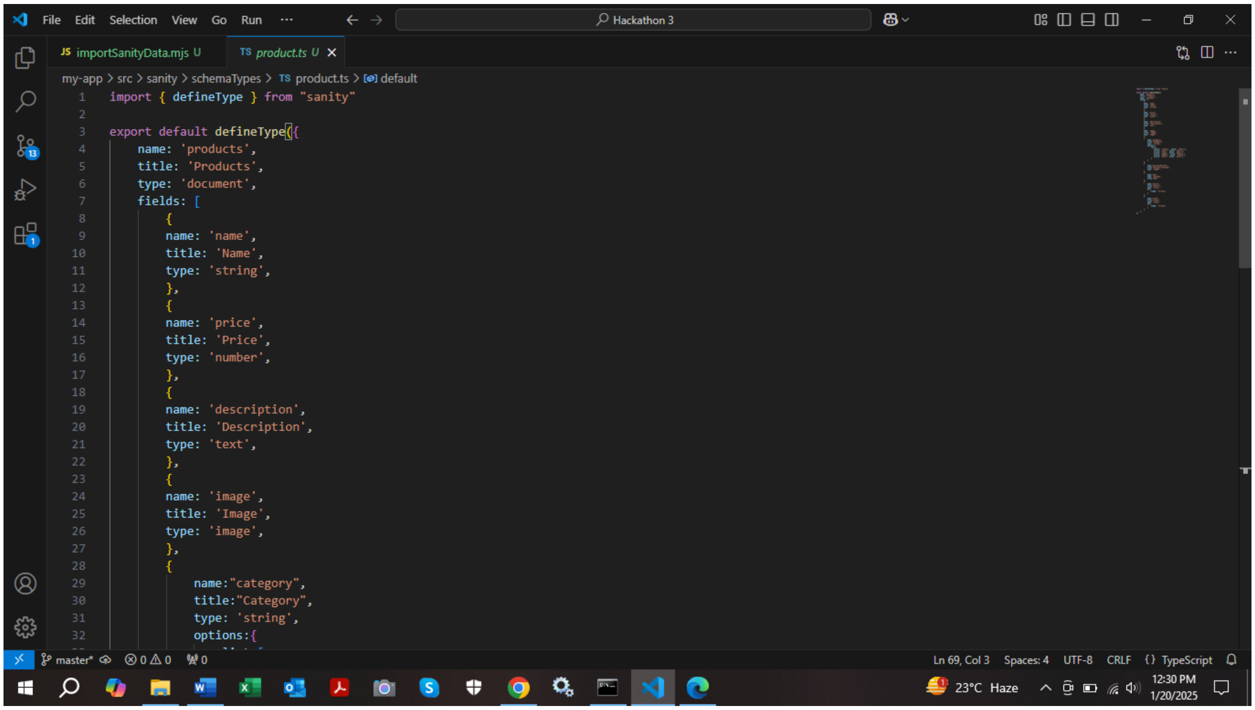


```javascript
async function uploadImageToSanity(imageUrl) {
    console.error('Failed to upload image:', imageUrl, error);
    return null;
  }
}

async function uploadProduct(product) {
  try {
    const imageId = await uploadImageToSanity(product.imageUrl);

    if (imageId) {
      const document = {
        _type: 'products',
        name: product.name,
        description: product.description,
        price: product.price,
        image: {
          _type: 'image',
          asset: {
            _ref: imageId,
          },
        },
        discountPercent: product.discountPercent,
        isNew: product.isNew,
        colors: product.colors,
        sizes: product.sizes,
      };

      const createdProduct = await client.create(document);
      console.log(`Product ${product.name} uploaded successfully:`, createdProduct);
    } else {
      console.log(`Product ${product.name} skipped due to image upload failure.`);
```

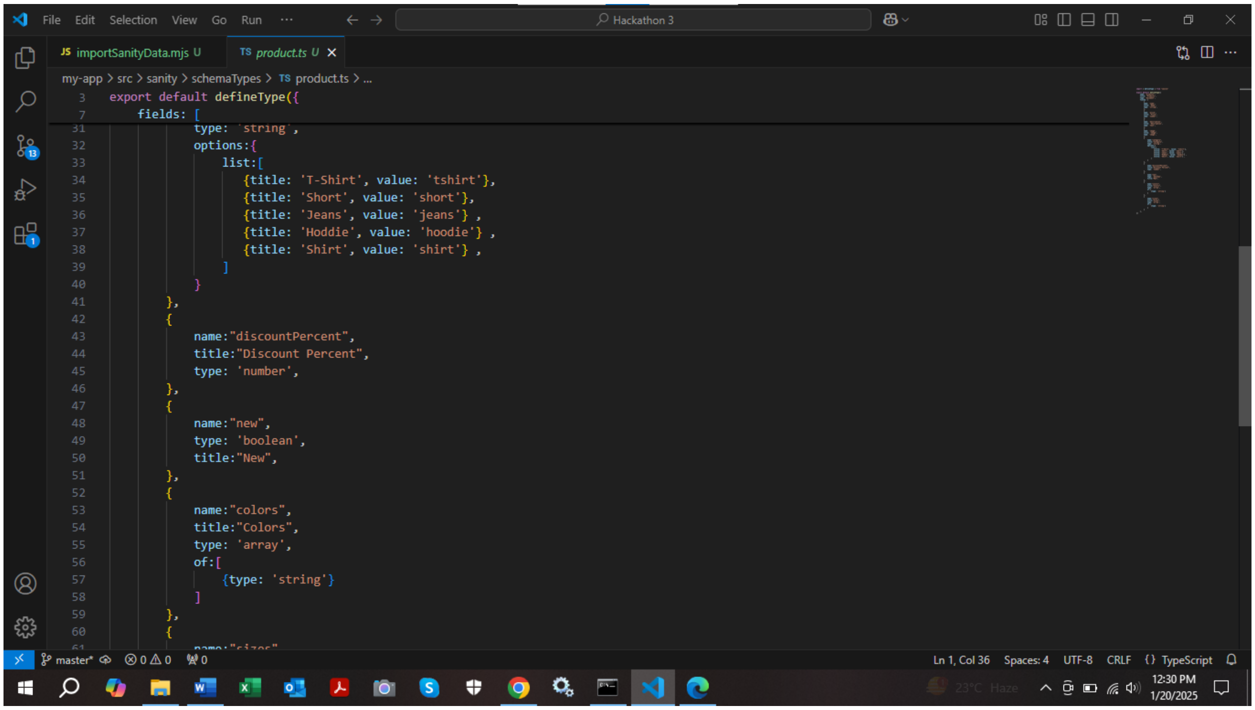

importSanityData.mjs U
my-app > scripts > importSanityData.mjs > client
Hackathon 3
master*
Ln 9, Col 193 Spaces: 2 UTF-8 CRLF JavaScript
23°C Haze
12:25 PM
1/20/2025

```
async function uploadProduct(product) {
      const createdProduct = await client.create(document);
      console.log(`Product ${product.name} uploaded successfully:`, createdProduct);
    } else {
      console.log(`Product ${product.name} skipped due to image upload failure.`);
    }
  } catch (error) {
    console.error('Error uploading product:', error);
  }
}

async function importProducts() {
  try {
    const response = await fetch('https://template1-neon-nu.vercel.app/api/products');

    if (!response.ok) {
      throw new Error(`HTTP error! Status: ${response.status}`);
    }

    const products = await response.json();

    for (const product of products) {
      await uploadProduct(product);
    }
  } catch (error) {
    console.error('Error fetching products:', error);
  }
}

importProducts();
```

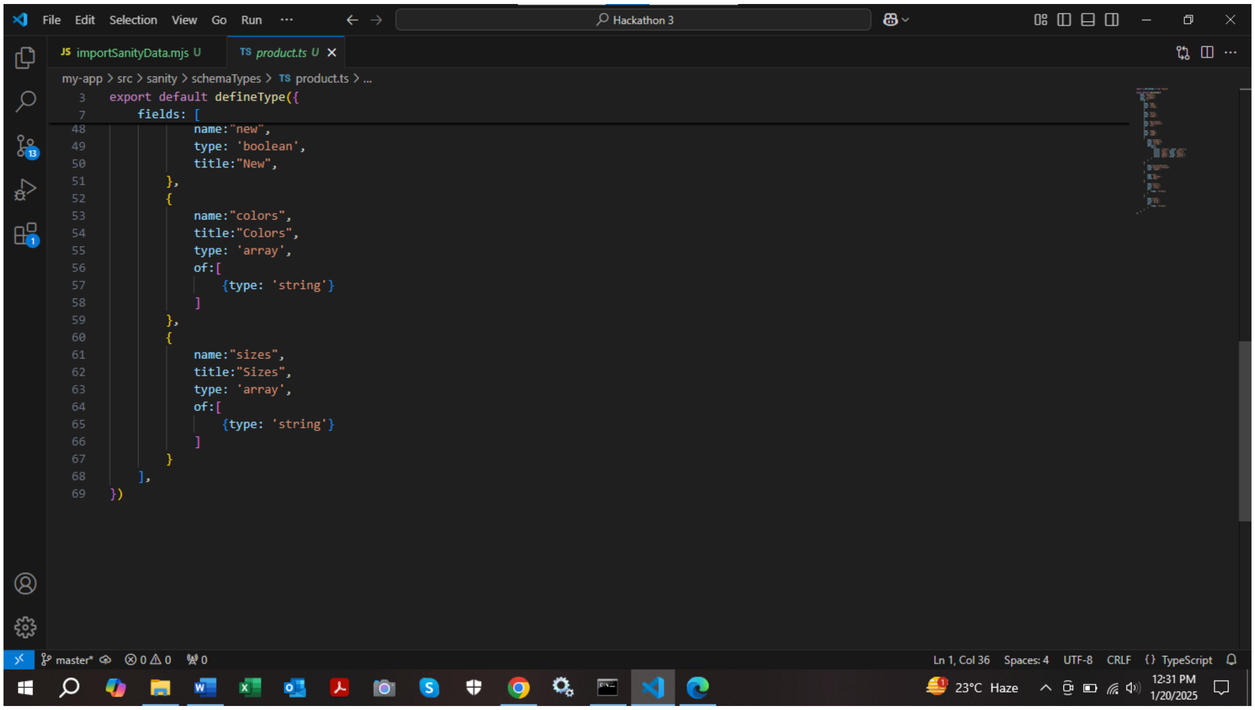
product.ts file


importSanityData.mjs U
product.ts U
my-app > src > sanity > schemaTypes > product.ts > default
Hackathon 3
master*
Ln 69, Col 3 Spaces: 4 UTF-8 CRLF TypeScript
23°C Haze
12:30 PM
1/20/2025

```
import { defineType } from "sanity"

export default defineType({
    name: 'products',
    title: 'Products',
    type: 'document',
    fields: [
        {
        name: 'name',
        title: 'Name',
        type: 'string',
        },
        {
        name: 'price',
        title: 'Price',
        type: 'number',
        },
        {
        name: 'description',
        title: 'Description',
        type: 'text',
        },
        {
        name: 'image',
        title: 'Image',
        type: 'image',
        },
        {
            name:"category",
            title:"Category",
            type: 'string',
            options:{
```

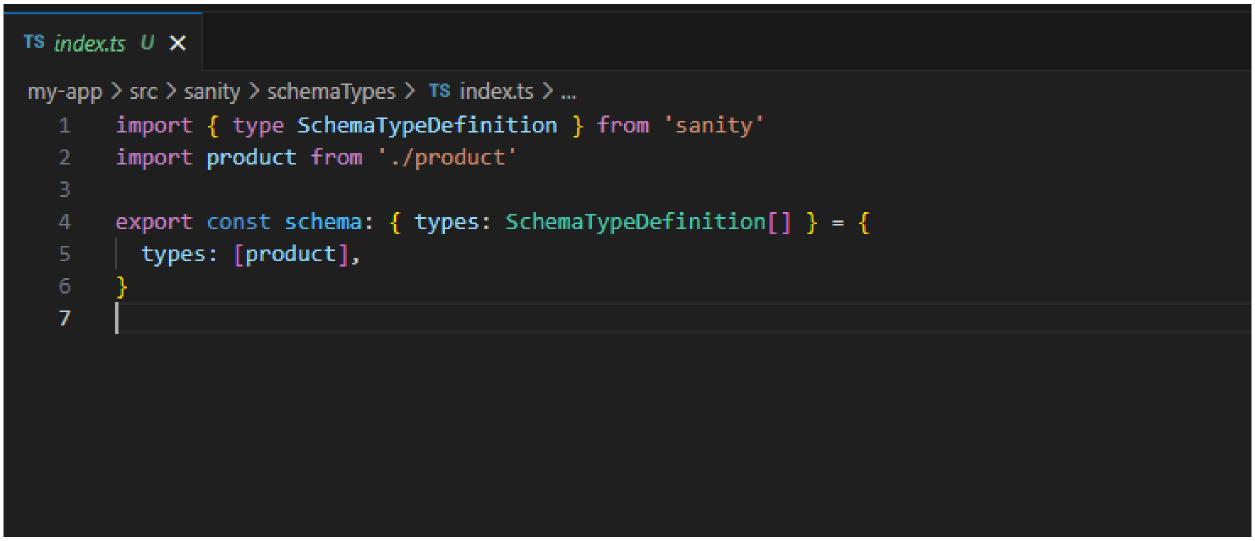

File Edit Selection View Go Run ···
Hackathon 3
JS importSanityData.mjs U
TS product.ts U
my-app > src > sanity > schemaTypes > TS product.ts > ...
master* ⊗ 0 ⚠ 0 0
Ln 1, Col 36 Spaces: 4 UTF-8 CRLF {} TypeScript
12:30 PM
1/20/2025

```
export default defineType({
    fields: [
                type: 'string',
                options:{
                    list:[
                       {title: 'T-Shirt', value: 'tshirt'},
                       {title: 'Short', value: 'short'},
                       {title: 'Jeans', value: 'jeans'} ,
                       {title: 'Hoddie', value: 'hoodie'} ,
                       {title: 'Shirt', value: 'shirt'} ,
                    ]
                }
            },
            {
                name:"discountPercent",
                title:"Discount Percent",
                type: 'number',
            },
            {
                name:"new",
                type: 'boolean',
                title:"New",
            },
            {
                name:"colors",
                title:"Colors",
                type: 'array',
                of:[
                    {type: 'string'}
                ]
            },
            {
                name:"sizes"
```


File Edit Selection View Go Run ···
Hackathon 3
JS importSanityData.mjs U
TS product.ts U
my-app > src > sanity > schemaTypes > TS product.ts > ...
master* ⊗ 0 ⚠ 0 0
Ln 1, Col 36 Spaces: 4 UTF-8 CRLF {} TypeScript
23°C Haze
12:31 PM
1/20/2025

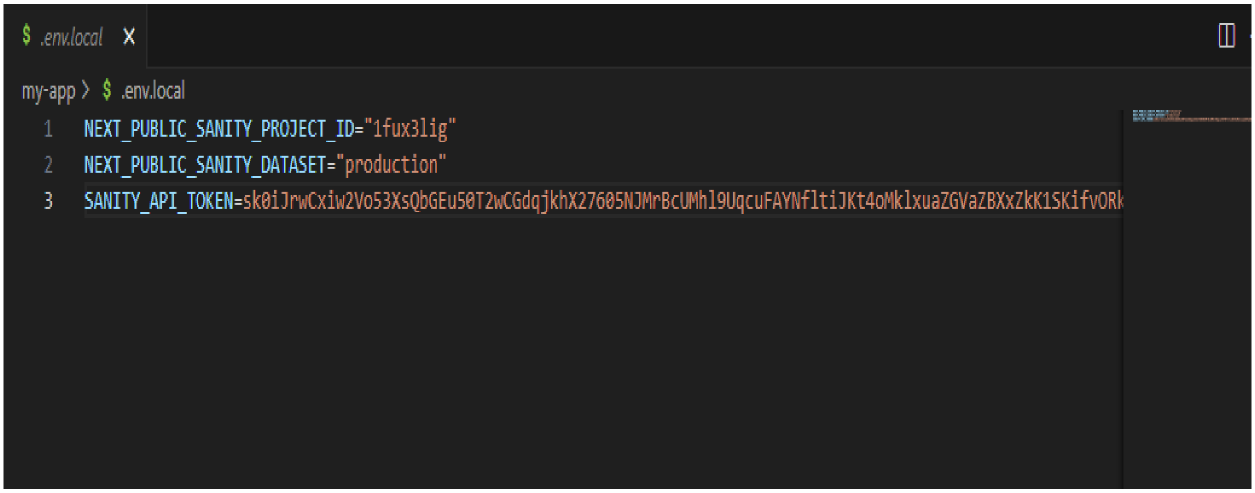
```
export default defineType({
    fields: [
                name:"new",
                type: 'boolean',
                title:"New",
            },
            {
                name:"colors",
                title:"Colors",
                type: 'array',
                of:[
                    {type: 'string'}
                ]
            },
            {
                name:"sizes",
                title:"Sizes",
                type: 'array',
                of:[
                    {type: 'string'}
                ]
            }
        ],
})
```

index.ts file



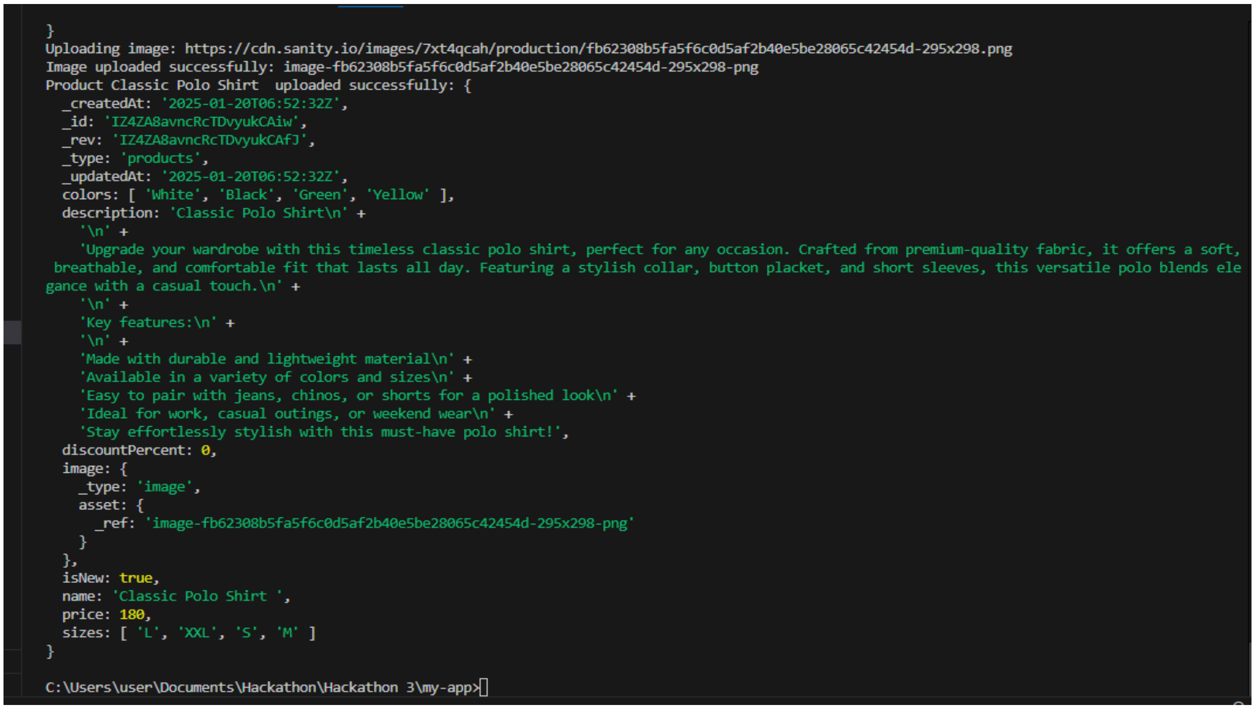
```ts
import { type SchemaTypeDefinition } from 'sanity'
import product from './product'

export const schema: { types: SchemaTypeDefinition[] } = {
  types: [product],
}

```

.env.local



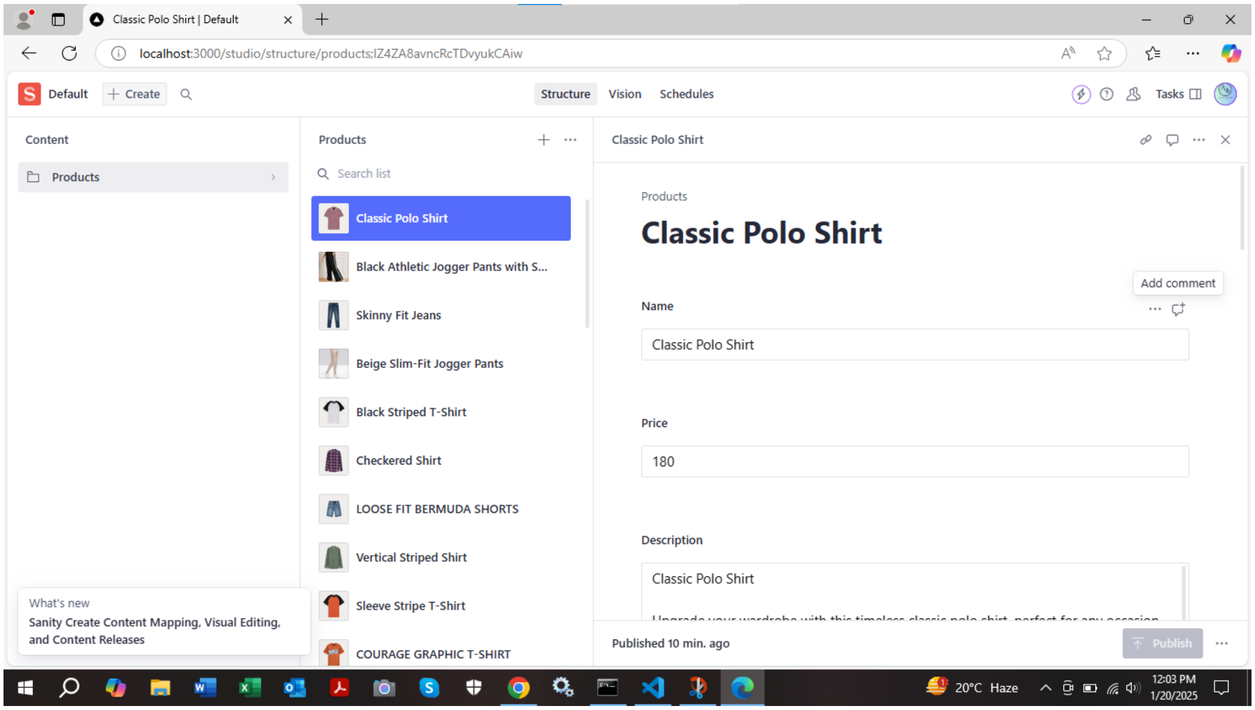
```
NEXT_PUBLIC_SANITY_PROJECT_ID="1fux3lig"
NEXT_PUBLIC_SANITY_DATASET="production"
SANITY_API_TOKEN=sk0iJrwCxiw2Vo53XsQbGEu50T2wCGdqjkhX27605NJMrBcUMhl9UqcuFAYNfltiJKt4oMklxuaZGVaZBXxZkK1SKifvORk
```

Data Import



```
}
Uploading image: https://cdn.sanity.io/images/7xt4qcah/production/fb62308b5fa5f6c0d5af2b40e5be28065c42454d-295x298.png
Image uploaded successfully: image-fb62308b5fa5f6c0d5af2b40e5be28065c42454d-295x298-png
Product Classic Polo Shirt  uploaded successfully: {
  _createdAt: '2025-01-20T06:52:32Z',
  _id: 'IZ4ZA8avncRcTDvyukCAiw',
  _rev: 'IZ4ZA8avncRcTDvyukCAfJ',
  _type: 'products',
  _updatedAt: '2025-01-20T06:52:32Z',
  colors: [ 'White', 'Black', 'Green', 'Yellow' ],
  description: 'Classic Polo Shirt\n' +
    '\n' +
    'Upgrade your wardrobe with this timeless classic polo shirt, perfect for any occasion. Crafted from premium-quality fabric, it offers a soft,
 breathable, and comfortable fit that lasts all day. Featuring a stylish collar, button placket, and short sleeves, this versatile polo blends ele
gance with a casual touch.\n' +
    '\n' +
    'Key features:\n' +
    '\n' +
    'Made with durable and lightweight material\n' +
    'Available in a variety of colors and sizes\n' +
    'Easy to pair with jeans, chinos, or shorts for a polished look\n' +
    'Ideal for work, casual outings, or weekend wear\n' +
    'Stay effortlessly stylish with this must-have polo shirt!',
  discountPercent: 0,
  image: {
    _type: 'image',
    asset: {
      _ref: 'image-fb62308b5fa5f6c0d5af2b40e5be28065c42454d-295x298-png'
    }
  },
  isNew: true,
  name: 'Classic Polo Shirt ',
  price: 180,
  sizes: [ 'L', 'XXL', 'S', 'M' ]
}

C:\Users\user\Documents\Hackathon\Hackathon 3\my-app>
```

Data Import In Sanity


Classic Polo Shirt | Default
localhost:3000/studio/structure/products;IZ4ZA8avncRcTDvyukCAiw
Default
Create
Structure
Vision
Schedules
Tasks
Content
Products
Search list
Add comment
Publish
What's new
Sanity Create Content Mapping, Visual Editing, and Content Releases
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1/20/2025

Products

- Classic Polo Shirt
- Black Athletic Jogger Pants with S...
- Skinny Fit Jeans
- Beige Slim-Fit Jogger Pants
- Black Striped T-Shirt
- Checkered Shirt
- LOOSE FIT BERMUDA SHORTS
- Vertical Striped Shirt
- Sleeve Stripe T-Shirt
- COURAGE GRAPHIC T-SHIRT

Products

Classic Polo Shirt

Name

Classic Polo Shirt

Price

180

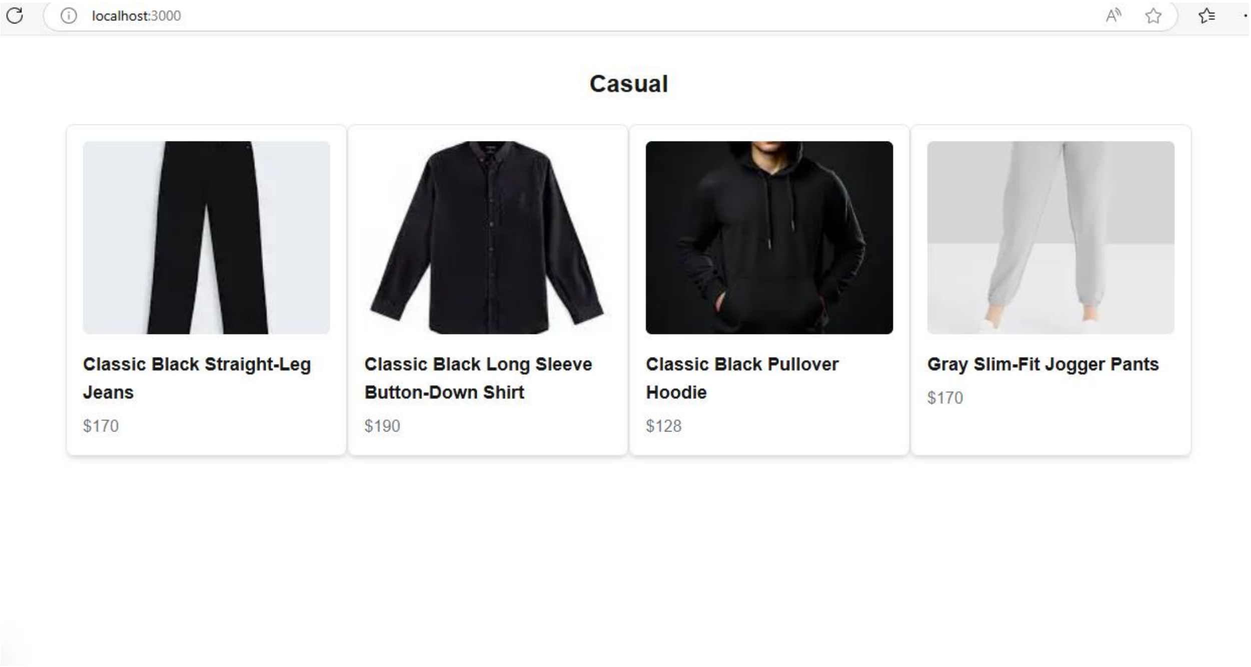
Description

Classic Polo Shirt

Upgrade your wardrobe with this timeless classic polo shirt, perfect for any occasion

Published 10 min. ago

Data fetch to Frontend



Casual

Classic Black Straight-Leg Jeans
$170

Classic Black Long Sleeve Button-Down Shirt
$190

Classic Black Pullover Hoodie
$128

Gray Slim-Fit Jogger Pants
$170

Made by Anum Hussain!

Thank You………