Day 3 Completed

Migrating data from API to Sanity

Template No 9 by
Sir Mubashhir Ali

1 I made two schemas according to the template

food.ts

```
export default {
    name: 'chef',
    type: 'document',
    title: 'Chef',
    fields: [
        {
            name: 'name',
            type: 'string',
            title: 'Chef Name',
        },
        {
            name: 'position',
            type: 'string',
            title: 'Position',
            description: 'Role or title of the chef (e.g., Head Chef, Sous Chef)',
        },
        {
            name: 'experience',
            type: 'number',
            title: 'Years of Experience',
            description: 'Number of years the chef has worked in the culinary field',
        },
        {
            name: 'specialty',
            type: 'string',
            title: 'Specialty',
            description: 'Specialization of the chef (e.g., Italian Cuisine, Pastry)',
        },
        {
            name: 'image',
            type: 'image',
            title: 'Chef Image',
```

chef.ts

```
1  export default {
2      name: 'food',
3      type: 'document',
4      title: 'Food',
5      fields: [
6          {
7              name: 'name',
8              type: 'string',
9              title: 'Food Name',
10         },
11         {
12             title: 'Slug',
13             name: 'slug',
14             type: 'slug',
15             options: {
16                 source: 'name',
17
18             }
19         },
20         {
21             name: 'category',
22             type: 'string',
23             title: 'Category',
24             description:
25                 'Category of the food item (e.g., Burger, Sandwich, Drink, etc.)',
26         },
27         {
28             name: 'price',
29             type: 'number',
30             title: 'Current Price',
31         },
```

2

## Made new folder like this
src/scripts/ [filename].mjs

simple copy paste


```
1   import { createClient } from '@sanity/client';
2   import axios from 'axios';
3   import dotenv from 'dotenv';
4   import { fileURLToPath } from 'url';
5   import path from 'path';
6
7   // Load environment variables from .env.local
8   const __filename = fileURLToPath(import.meta.url);
9   const __dirname = path.dirname(__filename);
10  dotenv.config({ path: path.resolve(__dirname, '../../.env.local') });
11
12  // Create Sanity client
13  const client = createClient({
14    projectId: process.env.NEXT_PUBLIC_SANITY_PROJECT_ID,
15    dataset: process.env.NEXT_PUBLIC_SANITY_DATASET,
16    useCdn: false,
17    token: process.env.SANITY_API_TOKEN,
18    apiVersion: '2021-08-31',
19  });
20
21  async function uploadImageToSanity(imageUrl) {
22    try {
23      console.log(`Uploading image: ${imageUrl}`);
24      const response = await axios.get(imageUrl, { responseType: 'arraybuffer' });
25      const buffer = Buffer.from(response.data);
26      const asset = await client.assets.upload('image', buffer, {
27        filename: imageUrl.split('/').pop(),
28      });
29      console.log(`Image uploaded successfully: ${asset._id}`);
30      return asset._id;
31    } catch (error) {
32      console.error('Failed to upload image:', imageUrl, error);
```

3 Then i go to my sanity studio and here is the data from API.
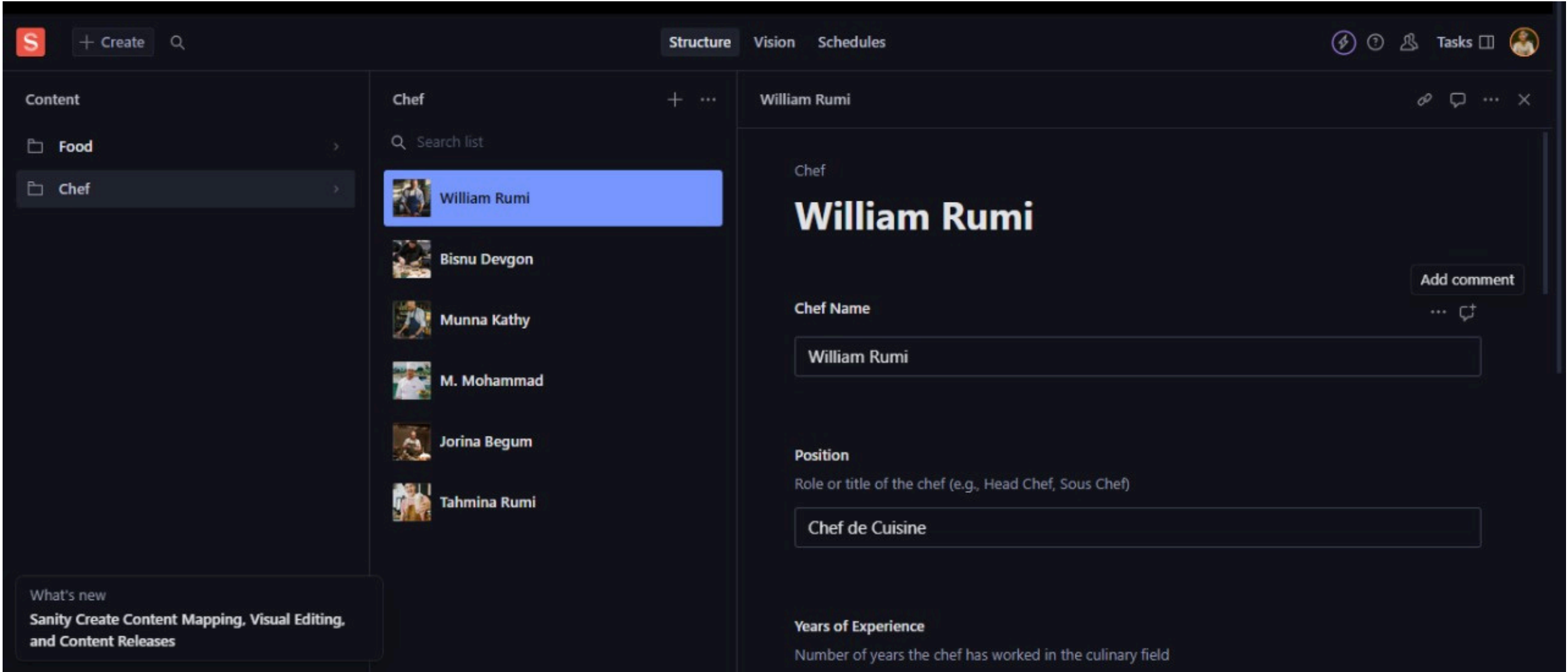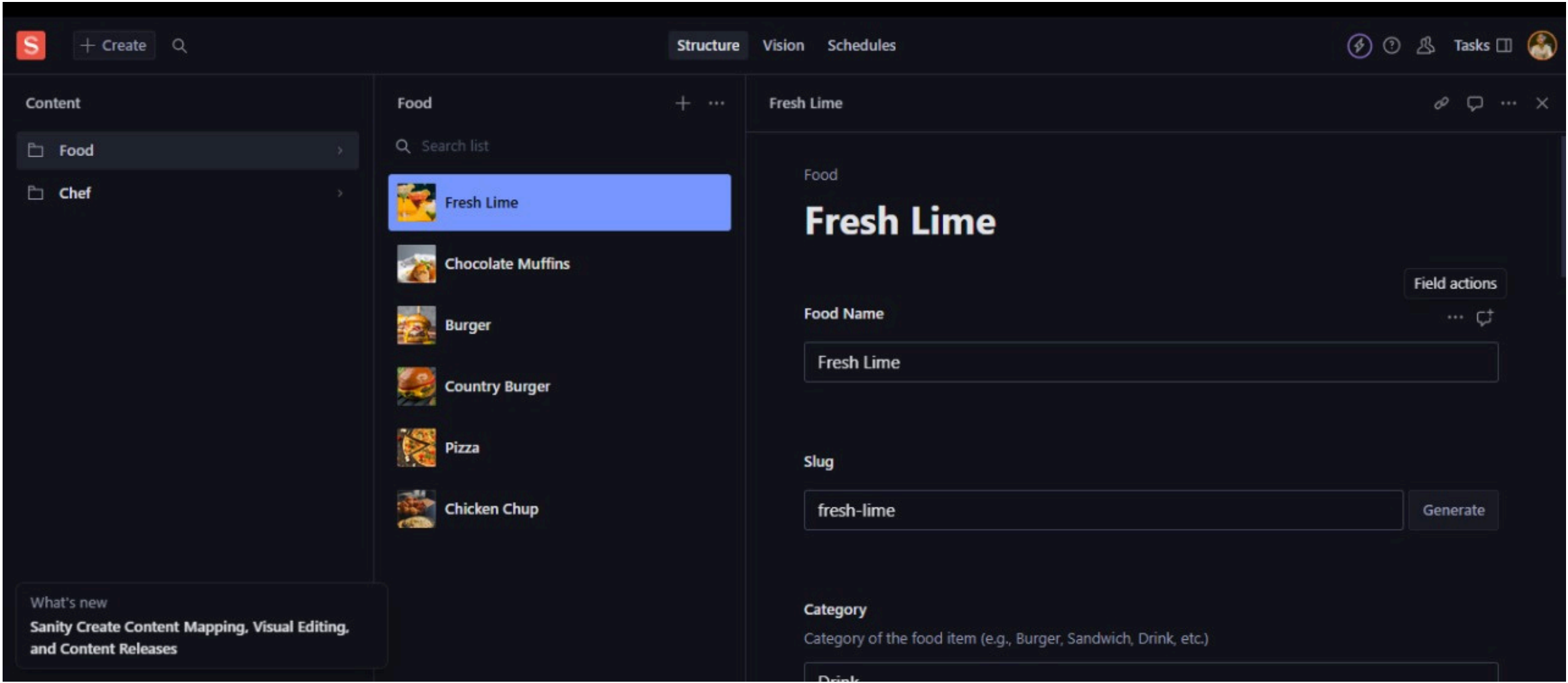
4 Generated GROQ query and set according to my page

Foodluck

Home   Menu   Blog   Team   About   Shop   Contact

Search...

Our Shop

Home > shop

Burger
Juicy beef burger with fresh lettuce, tomatoes, and cheese.
$44.00 **$21.00**   In Stock

Country Burger
Classic country-style burger served with fries.
$48.00 **$45.00**   In Stock

Fresh Lime
Refreshing fresh lime drink made with natural ingredients.
$45.00 **$37.00**   In Stock
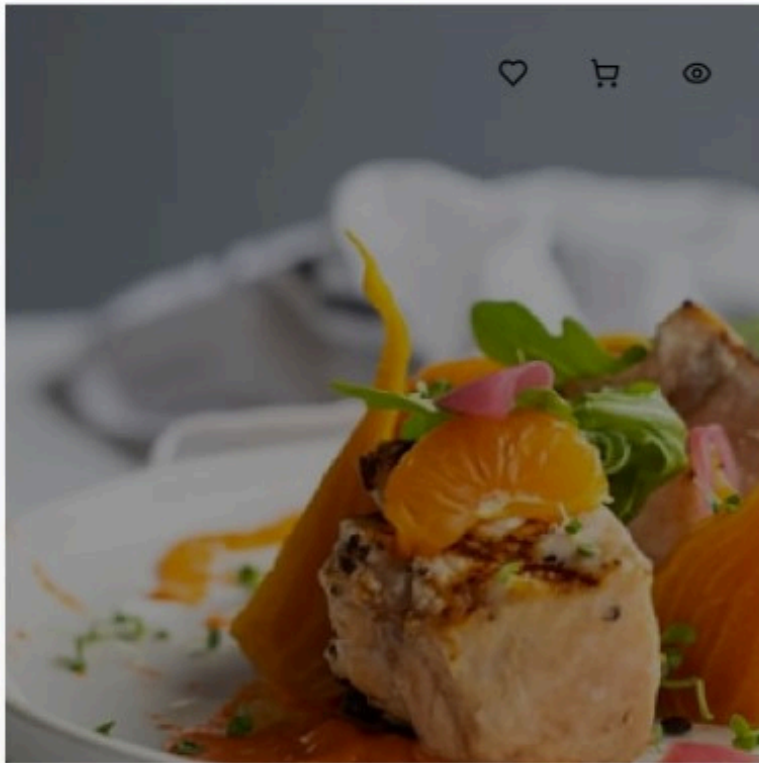
Chicken Chup
Crispy fried chicken bites served with dipping sauce.
In Stock

Chocolate Muffins
Soft and rich chocolate muffin topped with chocolate chips.

Pizza
Delicious vegetarian pizza topped with fresh vegetables and cheese.

localhost:3000/shop/chocolate-muffins

Same for the second page

Our Team

Our Chefs

Tahmina Rumi
Expert in crafting authentic Italian dishes and pastries.

Jorina Begum
Specializes in creative pastries and dessert innovations.

William Rumi
Master of crafting exquisite seafood dishes with unique flavors.

M. Mohammad
Renowned for creating perfectly grilled meats and vegetables.

Bisnu Devgon
Expert in international cuisines and menu planning.

Munna Kathy
Pioneer in Asian fusion dishes blending traditional flavors with modern techniques.

Checklist

Day-1 **Business focus outcome checklist**

Business goals. ✓

Market Research. ✓

Data Schema Draft ✓

Submission from Day-1 ✓

Checklist

Day-2 **Technical planning outcome checklist**

Technical plan.   ✓

Workflows.   ✓

Api Requirements.   ✓

Sanity Schema   ✓

Submission from Day-2 ✓