

Hackathon 2025

Day 3 :Api Integration Process

Marketplace: Quick commerce

- Api Integration Process:

The API integration involved understanding the provided API documentation, identifying relevant endpoints (e.g., foods ,chefs) and creating utility functions in the Next.js project to fetch and process data. Using tools like Postman and browser developer tools, API responses were tested to ensure data consistency. Data was rendered in components to display product listings and categories on the frontend.

- Schema Adjustments:

To ensure compatibility with the API data, the existing Sanity CMS schema was validated and adjusted. This included mapping API fields to schema fields, renaming fields (e.g., product_title to name), and modifying data types or relationships. These adjustments ensured seamless data migration and alignment with the backend requirements.

- Data Migration Steps and Tools Used:

The data migration process involved writing scripts to fetch data from the API and transform it to match the Sanity schema. For larger datasets, automation scripts were used, while manual import tools in Sanity were utilized for smaller datasets. The migration process ensured data integrity and proper field mapping, following best practices like data validation and error handling

- Note: All screenshots are provided on the feed.

•Successfully import data into Sanity

```
Uploading image: https://sanity-nextjs-rouge.vercel.app/food/food-4.png
Image uploaded successfully: image-ea501a87e980fc084fb7deacca2c3538b16
Uploading food to Sanity: Country Burger
Food uploaded successfully: Krp64FxN7xGb8FK9AMgn3v
Processing food: Pizza
Uploading image: https://sanity-nextjs-rouge.vercel.app/food/food-5.png
Image uploaded successfully: image-59499bc14b7749f088d0017b8871e06a47a9
Uploading food to Sanity: Pizza
Food uploaded successfully: 9pIJ000PMKhFhzCfbdnGjo
Processing food: Chicken Chup
Uploading image: https://sanity-nextjs-rouge.vercel.app/food/food-6.png
Image uploaded successfully: image-79c2f2263eb44b0c35a3b7d0f53bd9a34a570
Uploading food to Sanity: Chicken Chup
Food uploaded successfully: Pt3ANWwznCudbYDKQYNTf
Processing chef: Tahmina Rumi
Uploading image: https://sanity-nextjs-rouge.vercel.app/chef/chef-1.png
Image uploaded successfully: image-62f6ba8dd16f1b27ea593b692ee692bfb8eb8
Uploading chef to Sanity: Tahmina Rumi
Chef uploaded successfully: Krp64FxN7xGb8FK9AMgzNw
Processing chef: Jorina Begum
Uploading image: https://sanity-nextjs-rouge.vercel.app/chef/chef-2.png
Image uploaded successfully: image-a8a4535b34a230733d2ef6eb5c0a4169f65226
Uploading chef to Sanity: Jorina Begum
Chef uploaded successfully: Pt3ANWwznCudbYDKQYQC7
```

```
← hackathon ui
package.json JS importSanityData.mjs X .env.local
scripts > JS importSanityData.mjs > ...
function importData() {
  $Promise.push(
    axios.get('https://sanity-nextjs-rouge.vercel.app/api/chefs')
  );
}

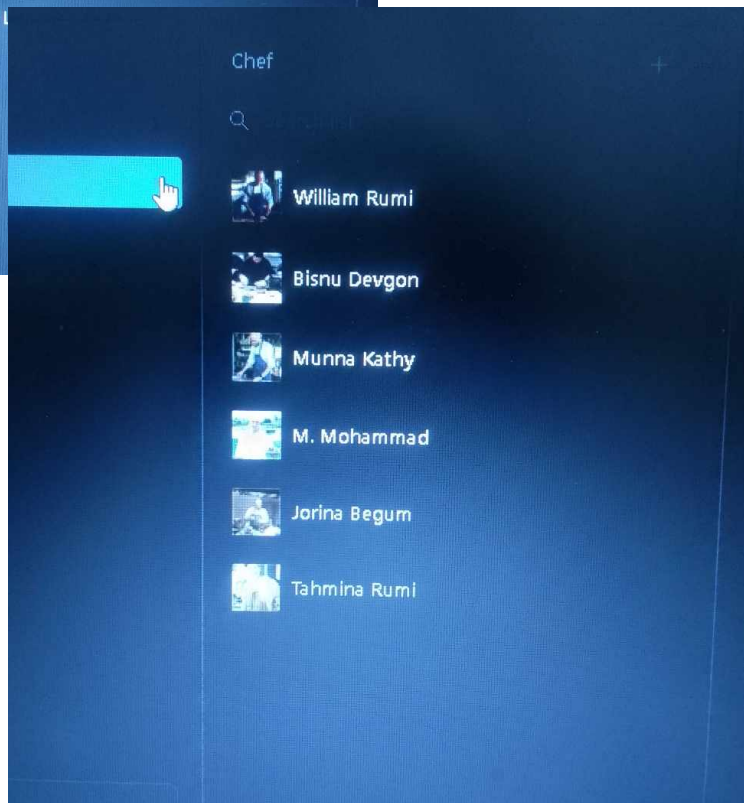
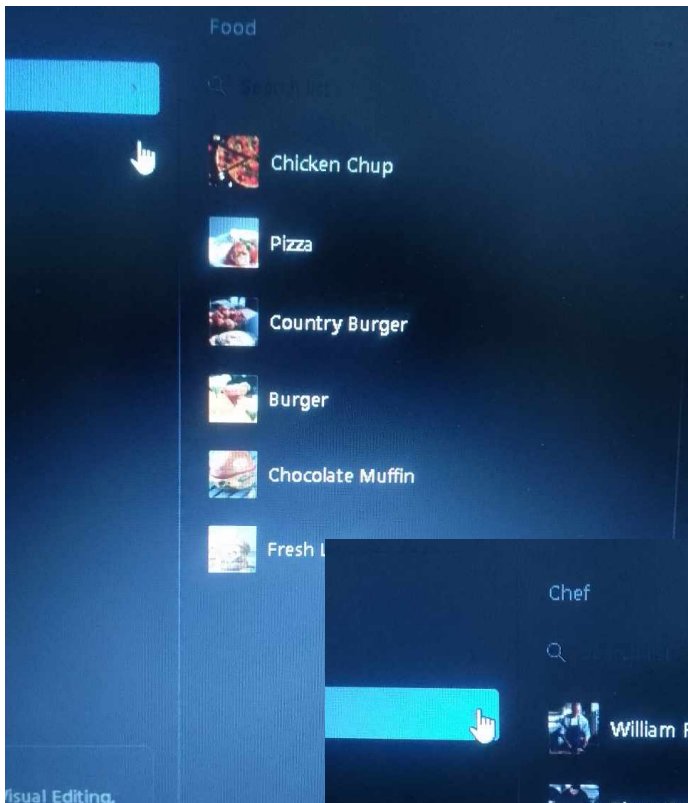
const [foodsResponse, chefsResponse] = await Promise.all($Promise);
const foods = foodsResponse.data;
const chefs = chefsResponse.data;

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Uploading image: https://sanity-nextjs-rouge.vercel.app/food/food-4.png
Image uploaded successfully: image-ea501a87e980fc084fb7deacca2c3538b167a477-1248x1068-png
Uploading food to Sanity: Country Burger
Food uploaded successfully: Krp64FxN7xGb8FK9AMgn3v
Processing food: Pizza
Uploading image: https://sanity-nextjs-rouge.vercel.app/food/food-5.png
Image uploaded successfully: image-59499bc14b7749f088d0017b8871e06a47a9deb1-1248x1068-png
Uploading food to Sanity: Pizza
Food uploaded successfully: 9pIJ000PMKhFhzCfbdnGjo
2025/01/19 21:38
```

•Data visible in Sanity

Food and chef



•Data shows in frontend

