

# API INTEGRATION REPORT

## Furniture E-Commerce Website

### API Integration Process:

- ❖ Cloned the repository provided by Sir fahad khan and Sir hamza alvi, which contained the base setup for the project.
- ❖ Installed all the necessary dependencies using the command "npm install".
- ❖ Created a .env.local file and configured the required environment variables retrieved from my Sanity project.
- ❖ Executed the command "npm run import-data" to populate the database with the initial data set.

### Adjustments Made to Schema:

- ❖ Used the provided schema as it is without making any changes initially.
- ❖ Later, added a slug field to the schema to facilitate the creation of dynamic product pages for the furniture items.

The screenshot displays the Sanity Studio API Explorer interface. At the top, there are tabs for 'Structure', 'Vision', and 'Schedules'. Below these, a header bar contains 'Default', '+ Create', and a search icon. The main area is divided into several sections: 'DATASET' (set to 'productions'), 'API VERSION' (set to 'Other'), 'CUSTOM API VERSION' (set to 'v2025-01-18'), 'PERSPECTIVE' (set to 'raw'), and 'QUERY URL (COPY TO CLIPBOARD)' (set to 'https://2srh4ekv.api.sanity.io/v2025-01-18/data/query/p'). The 'QUERY' section on the left shows a JSON query: 

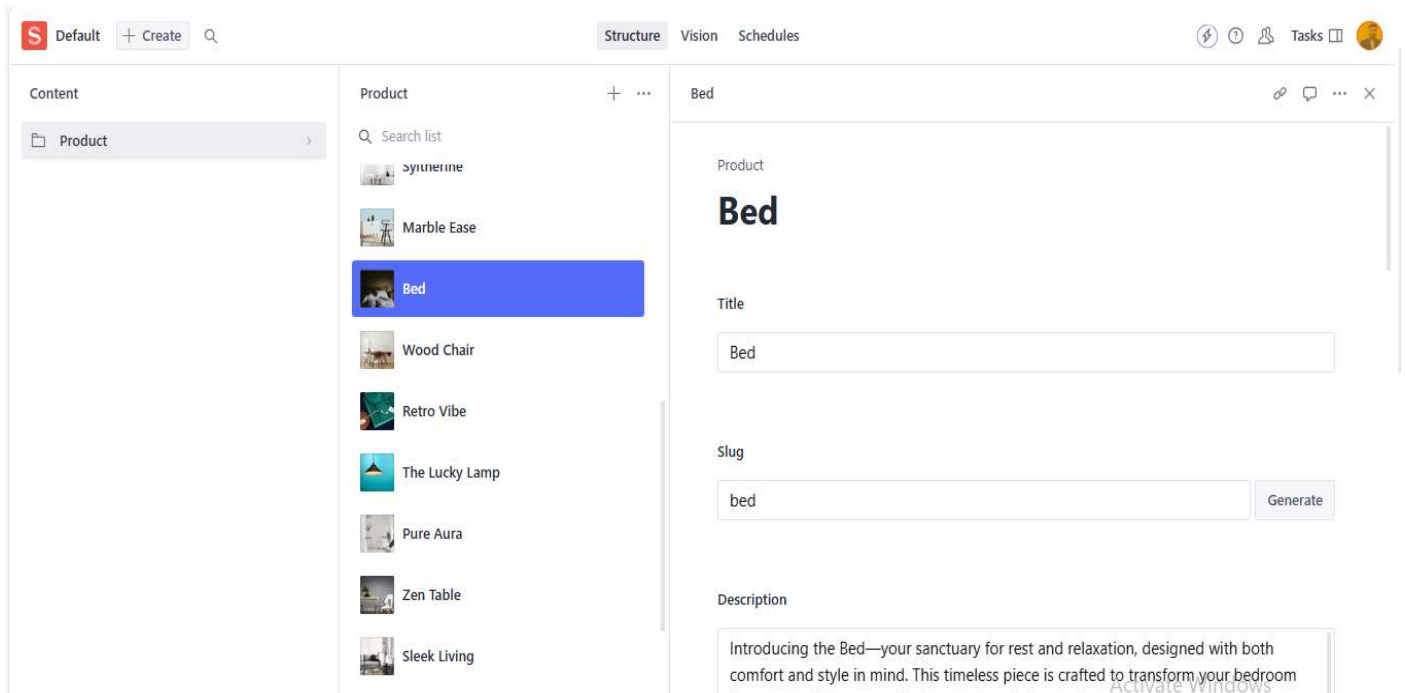
```
1 *[_type == "product"] {
2   _id,
3   title,
4   price,
5   description,
6   discountPercentage,
7   "imageUrl": productImage.asset->u
8   tags,
9   "slug": slug.current
10 }
```

 The 'PARAMS' section below the query is empty. The 'RESULT' section on the right shows the response: 

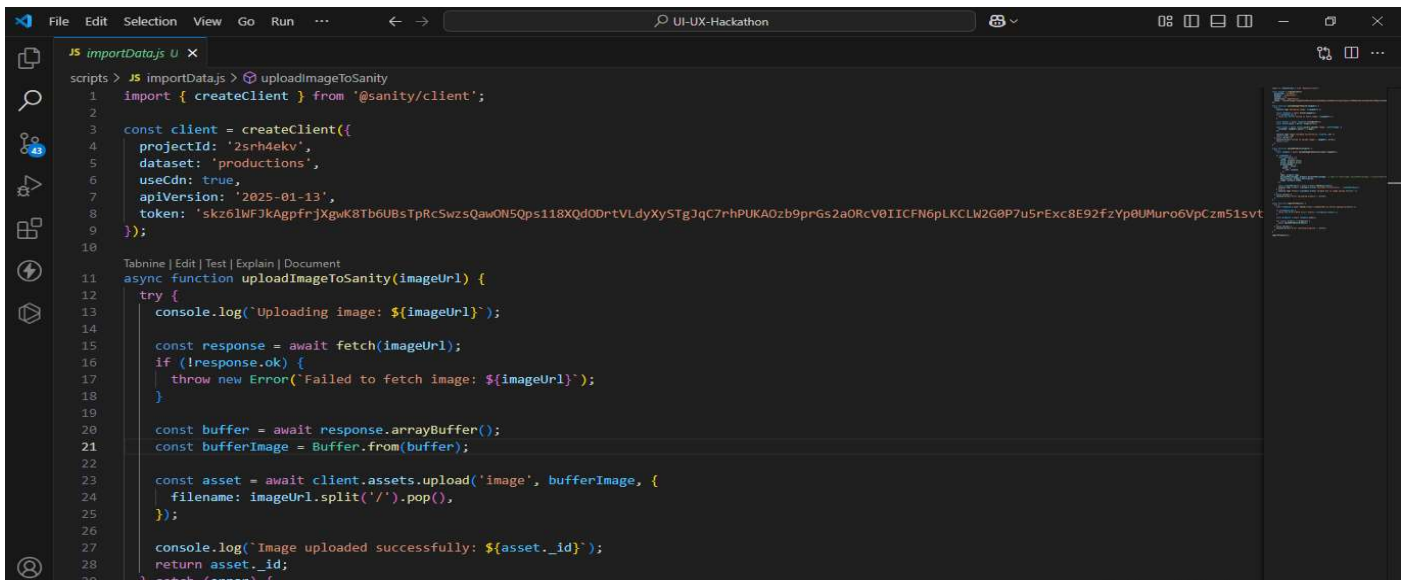
```
[...] 24 items
  0: {...} 8 properties
    _id: EJwKv1AMm1jkttyWGQ7mnJ
    title: Timber Craft
    price: 320
    description: Introducing TimberCraft-a collection that celebrates the timeless beauty of wood craftsmanship and the art of nature's finest materials. Inspired by the rustic charm and durability of natural wood, TimberCraft brings warmth, character, and a touch of handcrafted elegance to any space. Perfect for those who value authenticity and sustainability, this collection combines the strength of timber with refined design, making it the ideal choice for modern and traditional homes alike. Each piece in the TimberCraft collection is meticulously crafted to highlight the unique grains and textures of the wood, bringing an organic, earthy feel to your space. Whether you're looking for furniture, decor, or accents, TimberCraft offers a variety of beautifully designed pieces that blend rustic appeal with contemporary sophistication. The collection is designed to stand the test of time, with materials chosen for their durability and lasting beauty. TimberCraft is perfect for those who appreciate quality, craftsmanship, and the enduring beauty of wood. From striking tables and chairs to decorative accessories, this
```

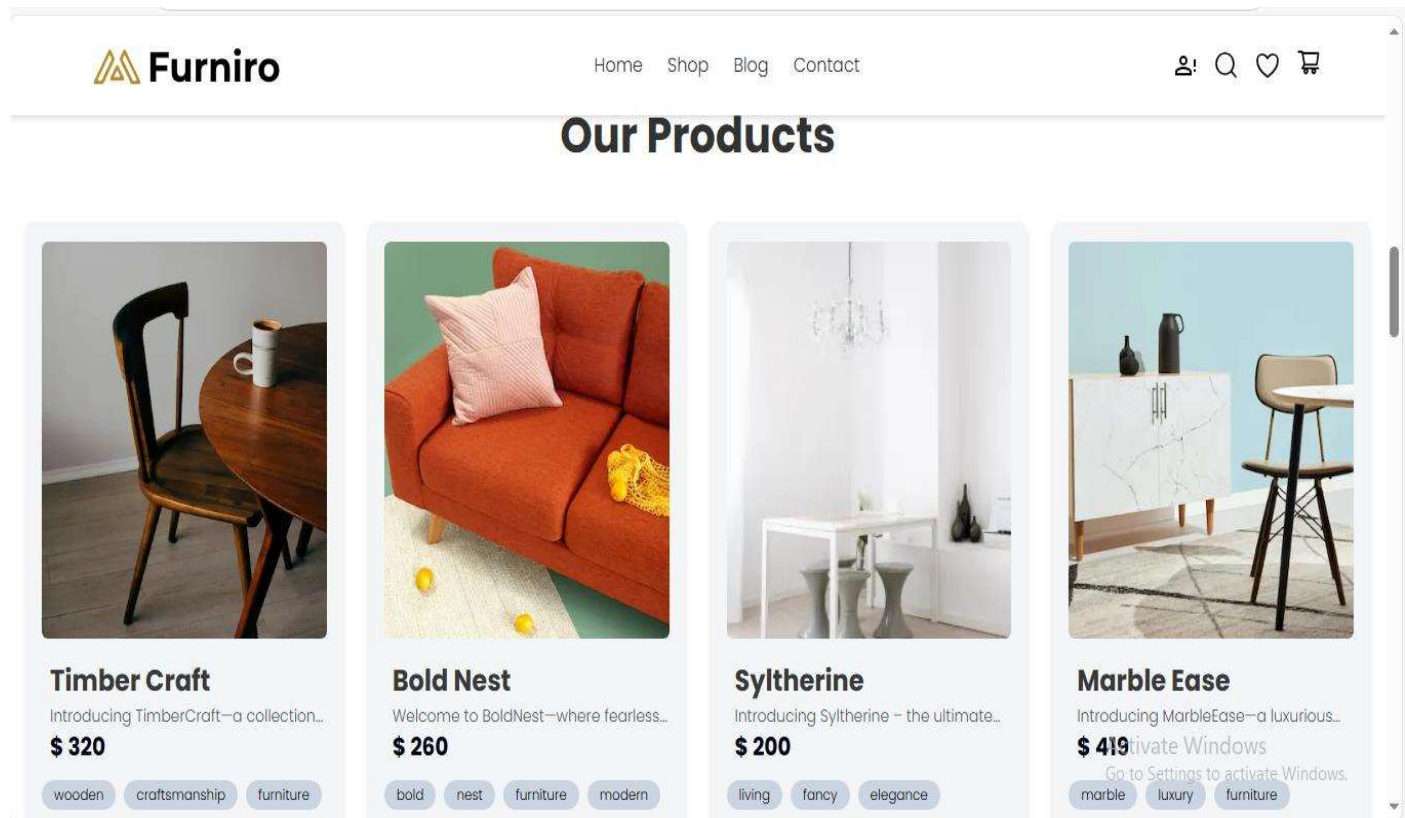
 At the bottom, there are buttons for 'Fetch' and 'Listen', and a status bar showing 'Execution: 16ms End-to-end: 1332ms'. An 'Activate Windows' watermark is visible in the bottom right corner.

Hasan Rafay : 00292976



Write this code in the script to import data and fetch it from the Sanity API.





Products will be displayed by fetching data from the Sanity API.

DAY 3 COMPLETED