Marketplace : Dabbe Me Dabba

Hackathon 3: Day 4

How I Built *Dabbe Me Dabba*

Dynamic Product Listing

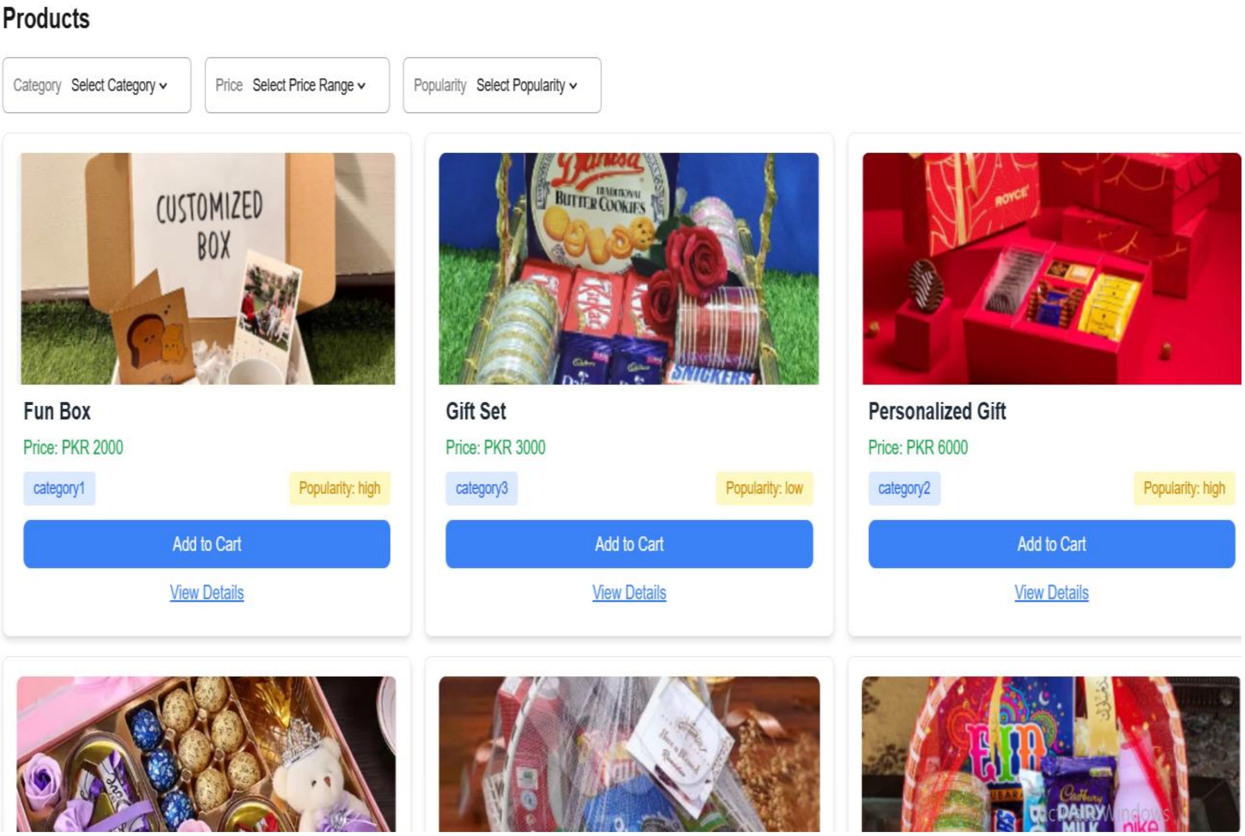
On the product listing page, I fetched products from Sanity and displayed them dynamically using reusable components like Menu and Searchbar

- The layout was designed with **responsive grids** using Tailwind CSS, ensuring the page looked great across all screen sizes.

Product Detail Pages

For individual products, I used **dynamic routing** with `[slug].tsx`. Each product had its own URL, and I fetched the data for the product using the `slug` from Sanity.

- The detail page included:
  - Product name, image, popularity, category and price.



Products

Category Select Category ⌄ | Price Select Price Range ⌄ | Popularity Select Popularity ⌄

Fun Box

Price: PKR 2000

category1 Popularity: high

Add to Cart

View Details

Gift Set

Price: PKR 3000

category3 Popularity: low

Add to Cart

View Details

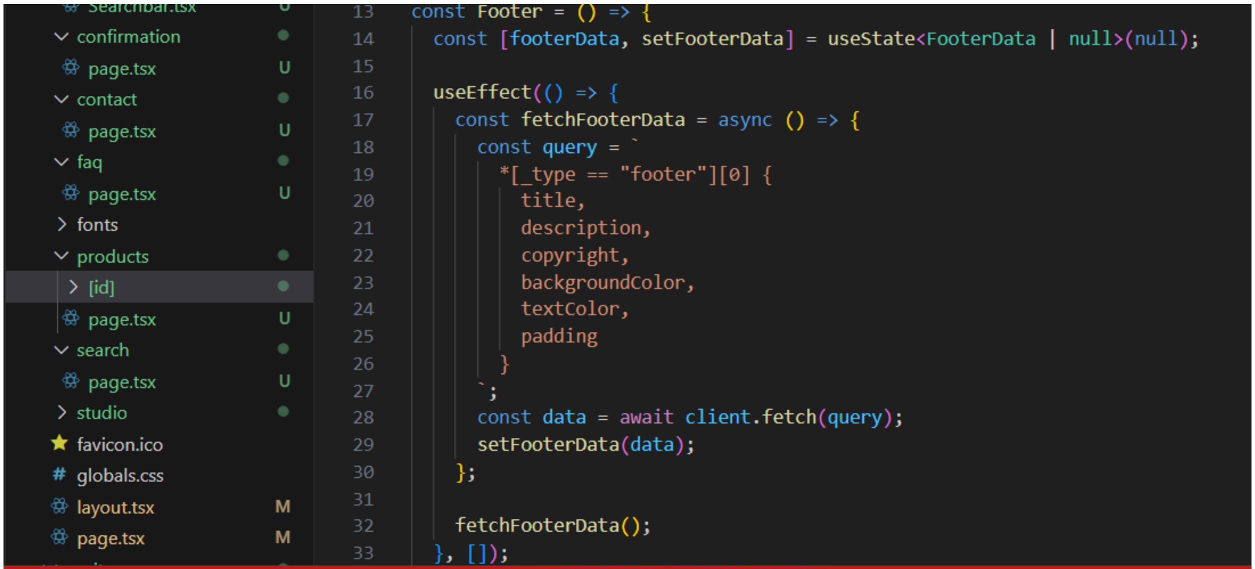
Personalized Gift

Price: PKR 6000

category2 Popularity: high

Add to Cart

View Details

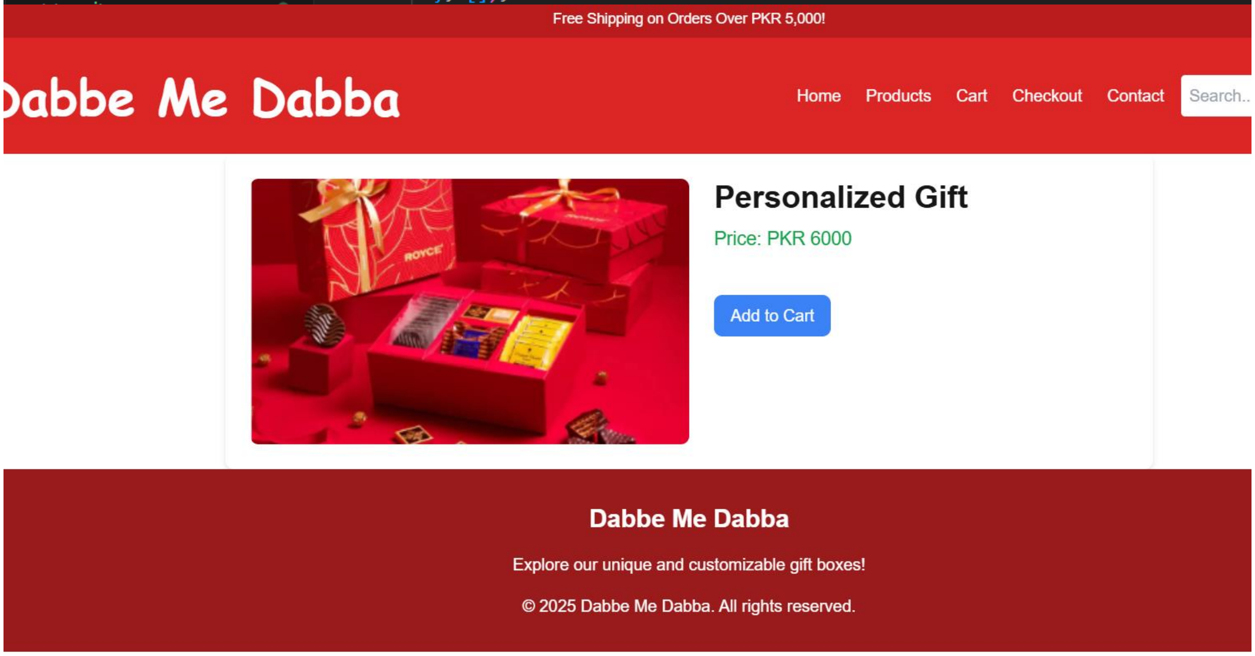


```
Searchbar.tsx      U
∨ confirmation     ●
    page.tsx       U
∨ contact          ●
    page.tsx       U
∨ faq              ●
    page.tsx       U
> fonts
∨ products         ●
  > [id]           ●
    page.tsx       U
∨ search           ●
    page.tsx       U
> studio           ●
  favicon.ico
  globals.css
  layout.tsx       M
  page.tsx         M
```

```
const Footer = () => {
  const [footerData, setFooterData] = useState<FooterData | null>(null);

  useEffect(() => {
    const fetchFooterData = async () => {
      const query = `
        *[_type == "footer"][0] {
          title,
          description,
          copyright,
          backgroundColor,
          textColor,
          padding
        }
      `;
      const data = await client.fetch(query);
      setFooterData(data);
    };

    fetchFooterData();
  }, []);
```



Free Shipping on Orders Over PKR 5,000!

Personalized Gift

Price: PKR 6000

Dabbe Me Dabba

Explore our unique and customizable gift boxes!

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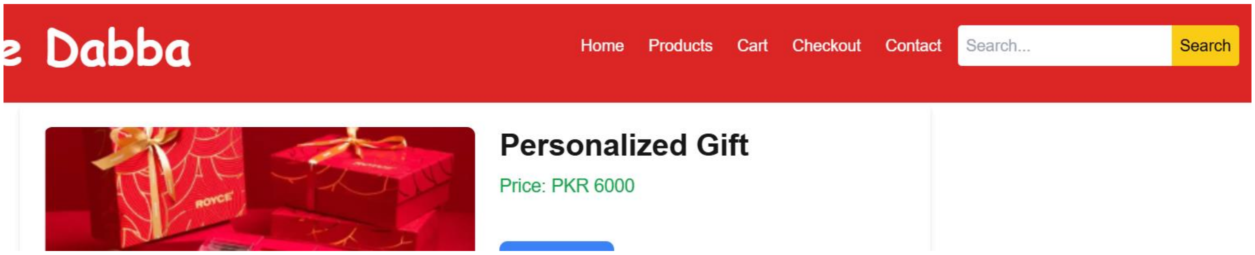
Search and Filters

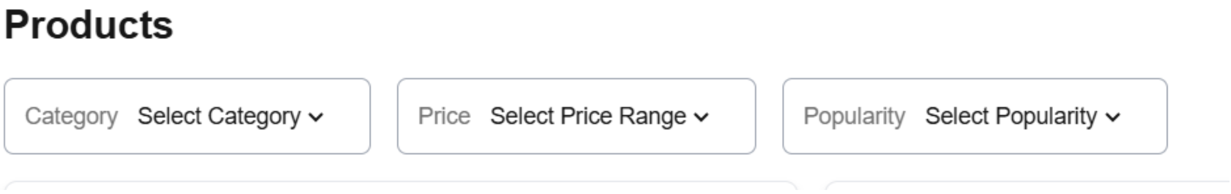
- **Search Bar**: I implemented a real-time search bar that filtered products as users typed. It worked by updating the displayed products based on the query.



Personalized Gift

Price: PKR 6000

- **Category Filters**: Dropdowns or sidebars allowed users to filter products by categories dynamically, updating the product list without reloading the page.



Styling and Responsiveness

I ensured the design was vibrant and matched the playful theme of *Dabbe Me Dabba*. I used **bright yellow accents** combined with other colorful elements for buttons and headers. The site was fully responsive, following the Tailwind breakpoints for devices like mobile, tablet, and desktop.

Challenges I Overcame

1. **Dynamic Filtering**:
   - Initially, combining search and category filters caused performance issues.
   - **Solution**: I optimized state management in React and used debouncing for the search bar.
2. **Sanity Image Optimization**:
   - Resizing images dynamically without losing quality was tricky.
   - **Solution**: I used the `next-sanity-image` library for automatic image optimization.
3. **Responsiveness**:
   - Tailoring the design for small screens required extra attention.
   - **Solution**: I followed a mobile-first approach and tested on multiple devices

Why It’s Awesome

- It’s fully dynamic, fetching all data from Sanity.
- The design reflects the fun, vibrant theme of *Dabbe Me Dabba*.
- The features, like search, filters make it user-friendly and professional.