

Hackathon Day 4

Dynamic Frontend Components

Food Tuck Marketplace

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Hackathon Day 4

Objective:

To design and develop dynamic frontend components for a marketplace, focusing on modularity, scalability, and real-world development practices. The project integrates data fetched from Sanity CMS or APIs, ensuring responsiveness and usability.

Tech Stack

- **Framework:** Next.js
 - **Language:** TypeScript
 - **Styling:** Tailwind CSS
 - **Icons:** React Icons
 - **CMS:** Sanity
 - **UI Components:** ShadCN
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Implementation Steps

1. **Project Setup:**
 - Integrated with Sanity CMS and verified API configurations.
 2. **Frontend Development:**
 - Build components with Next.js.
 - Styled using Tailwind CSS for responsiveness.
 - Managed state with React hooks.
 3. **Testing and Debugging:**
 - Verified dynamic routing and data rendering.
 - Resolved issues using console logs and developer tool
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Outcomes

1. Functional Product Listing Page with dynamic data.
 2. Individual Product Detail Pages with dynamic routing.
 3. Dynamic Category Filter for improved navigation.
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Expected Output

- Dynamic and responsive Product Listing Page.
- Accurate Product Detail Pages.
- Real-time Category Filtering.

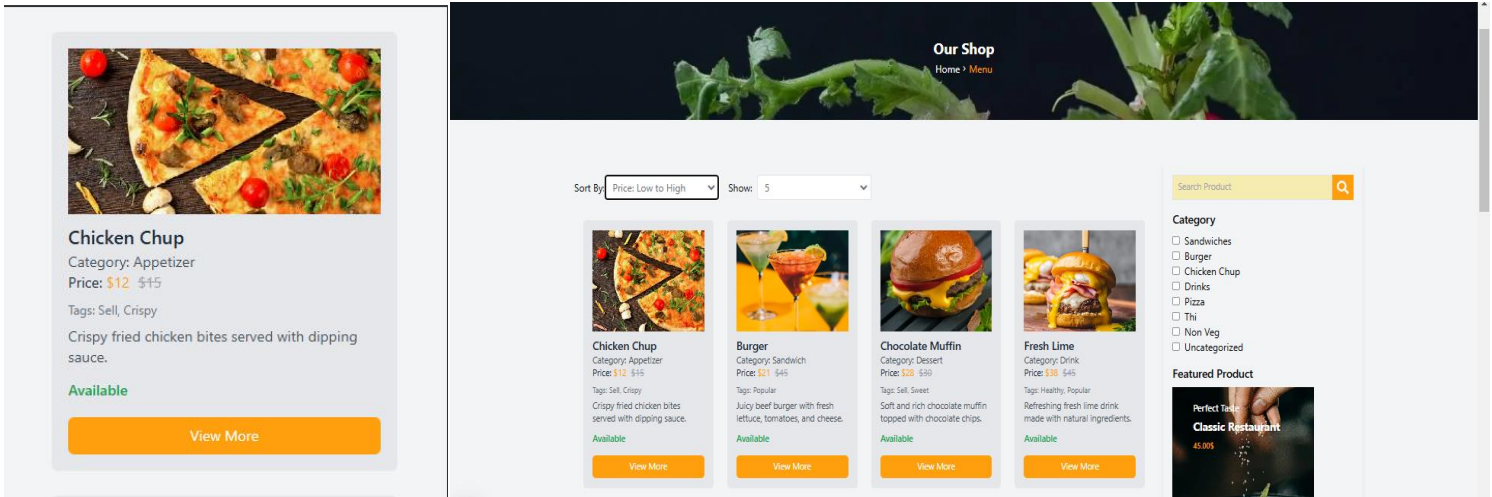
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Checklist

- Product Listing and Detail pages functional.
- Category filter working dynamically.
- Responsive design with tailwind CSS.
- Data fetched from Sanity CMS.
- Modular Components and routing tested.

Responsive

sort by Low to High



Product Details

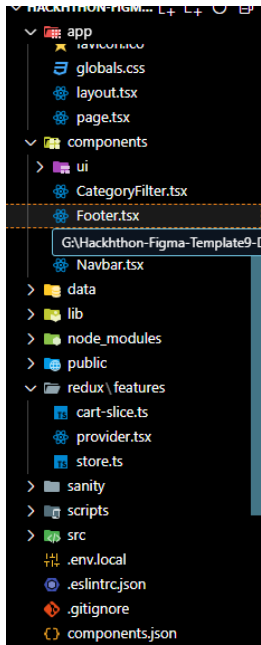


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Key Benefits

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File Structure



Code:



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