

Project Title: Online Grocery Store

The objective of this project is to develop a fully functional, user-friendly online grocery store using React. This store will allow users to browse a variety of grocery items, add them to a cart, and manage their purchases. The project will cover the entire process from displaying products to handling cart operations and checking out.

1. User Interface (UI)

- **Navigation Bar:** A responsive navigation bar with links to different product categories, home, and cart.
- **Home Page:** Displays a summary of product categories with quick links to each category.
- **Product Category Pages:** Separate pages for each product category (Top Recommended, Fruits, Vegetables, Dairy, Snacks, Cheese, Bread, Canned Goods).
- **Product Cards:** Each product will be displayed in a card format with an image, name, description, price, and an "Add to Cart" button.
- **Cart Page:** A page that displays items added to the cart with the ability to modify quantities, remove items, and view the total price.
- **Checkout Page:** A form where users can enter their delivery information and finalize their purchase.

2. Functionality

- **Product Management:** Products should be fetched from a service and displayed dynamically.
- **Category Filtering:** Users should be able to filter products by category.
- **Cart Operations:** Users should be able to add products to the cart, view cart contents, remove items from the cart, and clear the cart.
- **Persistent Cart:** The cart should persist even if the user navigates away from the page.
- **Cart Summary:** The navigation bar should display the total number of items in the cart.
- **Checkout Process:** Users should be able to enter their information and submit an order.

Detailed Breakdown

Navigation Bar Component

- **Features:** Links to Home, Top Recommended, Fruits, Vegetables, Dairy, Snacks, Cheese, Bread, Canned Goods, and Cart.
- **Cart Count:** Display the number of items in the cart.
- **Styling:** Use CSS for styling and ensure it is responsive.



Home Component

- **Features:** Summary of different categories with links to respective category pages.

- **Styling:** Use CSS for a visually appealing layout.

Welcome to Our Online Grocery Store!

Your one-stop shop for all your grocery needs. Browse our wide range of products and enjoy the best quality and prices.

Happy shopping!

Top Pick Apple

Fresh apples, top pick of the month

\$1.50

Add to Cart

Top Pick Banana

Ripe bananas, top pick of the month

\$0.70

Add to Cart

Product Category Components (e.g., TopRecommendedComponent, FruitsComponent)

- **Features:** Display products in a card layout with an image, name, description, price, and an "Add to Cart" button.
- **Styling:** Use CSS for consistent card styling and layout.

Top Recommended

Top Pick Apple

Fresh apples, top pick of the month

\$1.50

Add to Cart

Top Pick Banana

Ripe bananas, top pick of the month

\$0.70

Add to Cart

Cart Component

- **Features:** Display items in the cart with an image, name, price, quantity, and total price for each item. Buttons to remove items and clear the cart.
- **Styling:** Use CSS for a clean and organized layout.

Online Grocery Store

Home

Top Recommended

Fruits

Vegetables

Dairy

Snacks

Cheese

Bread

Canned Goods

Cart 2

Your Cart

Top Pick Apple

¥1.5

Remove

Top Pick Banana

¥0.7

Remove

Total: ¥2.20

Clear Cart

Checkout Component

- **Features:** Form for users to enter delivery information and submit their order.
- **Styling:** Use CSS to ensure the form is user-friendly and accessible.

Full Name

Email Address

Phone Number

Street Address

City

State/Province

Postal/ZIP Code

Postal/ZIP Code
<input type="text"/>
Country
<input type="text"/>
Payment Method
<div>Credit/Debit Card</div>
Cardholder Name
<input type="text"/>
Card Number
<input type="text"/>
Expiration Date
<input type="text"/>
CVV
<input type="text"/>
<input type="checkbox"/>
Agree to Terms and Conditions
Purchase

Services

- Create the services as required