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

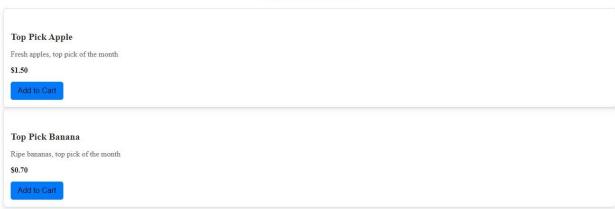
Add to Cart

Top Pick Banana
Ripe bananas, top pick of the month
\$0.70

Add to Cart

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

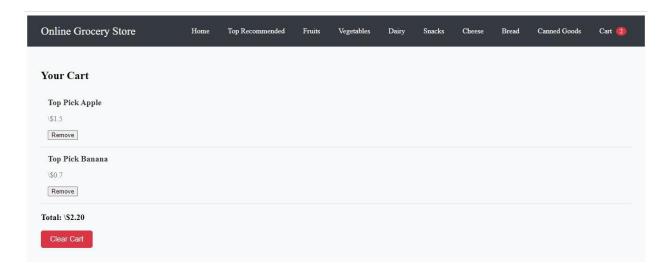
- **Features**: Display products in a card layout with an image, name, description, price, and an "Add to Cart" button.
- Styling: Use CSS for consistent card styling and layout.



Top Recommended

Cart Component

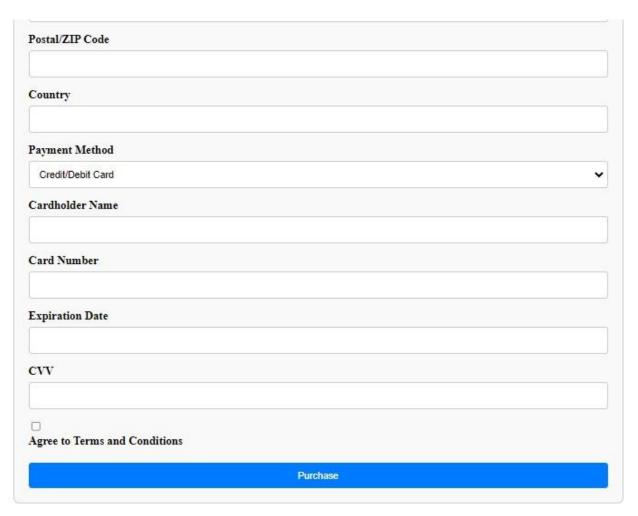
- **Features**: Display items in the cart with an image, name, price, quantity, and total price for each item. Buttons to remove items and clear the cart.
- Styling: Use CSS for a clean and organized layout.



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.





Services

· Create the services as required