

Add to Cart Task Using Router - React

- An Add to Cart ReactJS application that fetches product data from the Fake Store API and allows users to add products to the cart through a router interface.

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Overview:

- The application consists of two main pages: the product page and the cart page. The product page displays a list of products fetched from the Fake Store API, and allows users to add products to their cart. The cart page displays the cart contents, and allows users to remove products from their cart.

Introduction:

- This project is a simple e-commerce application that allows users to add products to their cart and view their cart contents. The application uses ReactJS, React Router, and Tailwind CSS for styling.

Features:

- Displays a list of products fetched from the Fake Store API
- Allows users to add products to their cart
- Displays the cart contents and allows users to remove products from their cart
- Calculates the subtotal and applies a 10% discount to the total price
- Uses React Router to navigate between the product page and the cart page

Technologies Used:

- ReactJS: A JavaScript library for building user interfaces
- React Router: A library for managing client-side routing in React applications
- CSS for styling

Design

- The application is designed to be responsive and works well on both desktop and mobile devices. The products are displayed in a grid layout, with each product displaying key information such as the product image, title, price, and add to cart button.
- **Navbar** is available in the top page of the application, which contains **Home** & **Cart** page buttons.
- Position Sticky option is applied to Navbar for scrolling interface.
- **Router** technique is used to navigate to a **Cart** & **Home** page

- Product details are displayed in card format below the Navbar in Home Page.
- **Add to Cart** button is provided for each card.
- Once **Add to Cart** button is clicked, the product to be added to the Cart count detail is displayed in Cart button available in Navbar.
- Once **Add to Cart** button is clicked, **increase, decrease and remove button along with quantity** will be displayed in place of **Add to Cart** button in the card.
- Product details of already added to cart is displayed in **Cart** page in the card format along with **increase, decrease, remove button, quantity and cost considering quantity**.
- Final price considering each product, cost, quantity and discount is displayed top of **Cart** page.
- **Total price, Discount, and Final price** details are displayed below all the card.

Project Structure:

The project consists of the following components:

- App.jsx: The main application component that renders the product page and the cart page
- Navbar.jsx: The navigation bar component that displays the cart count and allows users to navigate between the product page and the cart page
- Products.jsx: The product page component that displays the list of products and allows users to add products to their cart
- Cart.jsx: The cart page component that displays the cart contents and allows users to remove products from their cart
- Index.css: Which contains a complete styling code of this task.

API:

The application uses the Fake Store API to fetch the list of products. The API endpoint is <https://fakestoreapi.com/products>.

Installation:

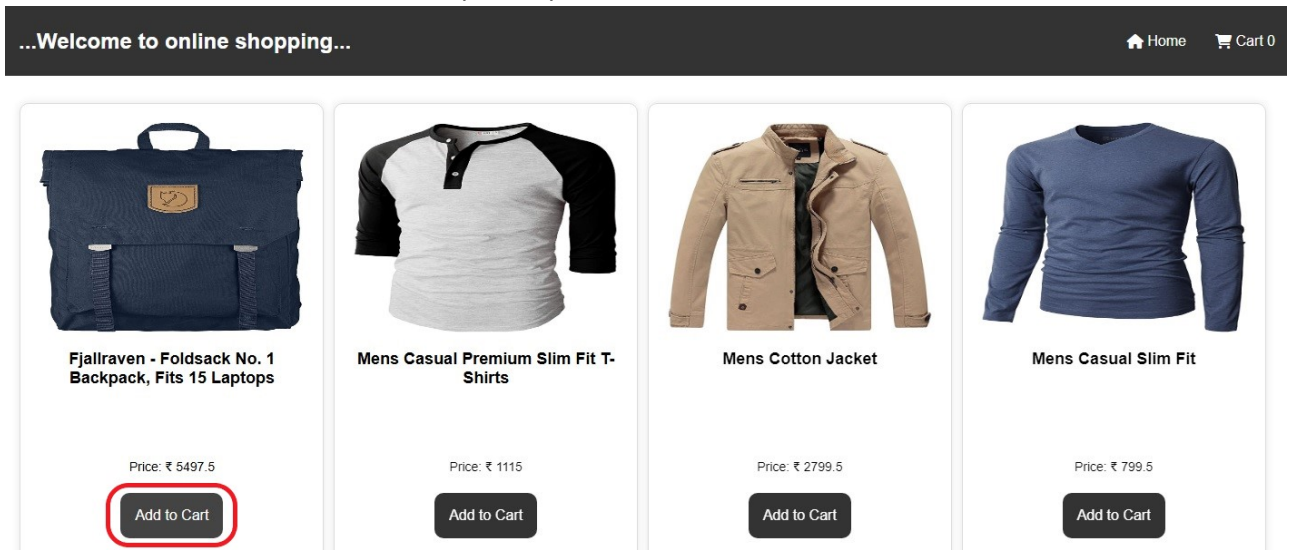
- Open the URL - <https://add-to-cart-using-react-router.netlify.app/> in your browser to load the application.

How to use / Demo:

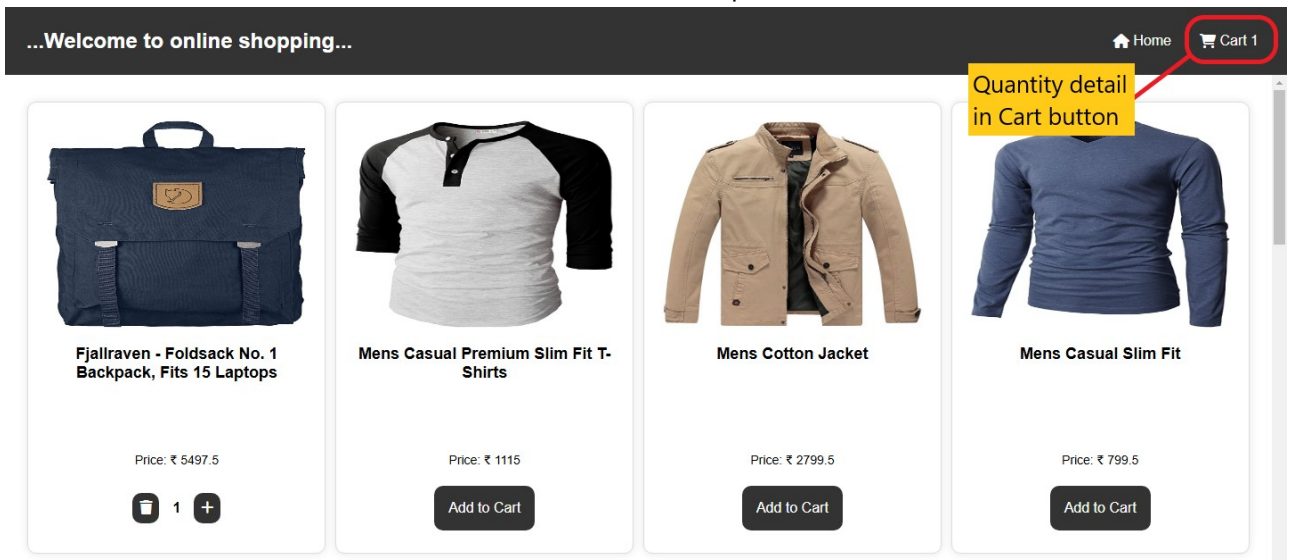
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- Click **Add to Cart** button to add a specific product to the cart

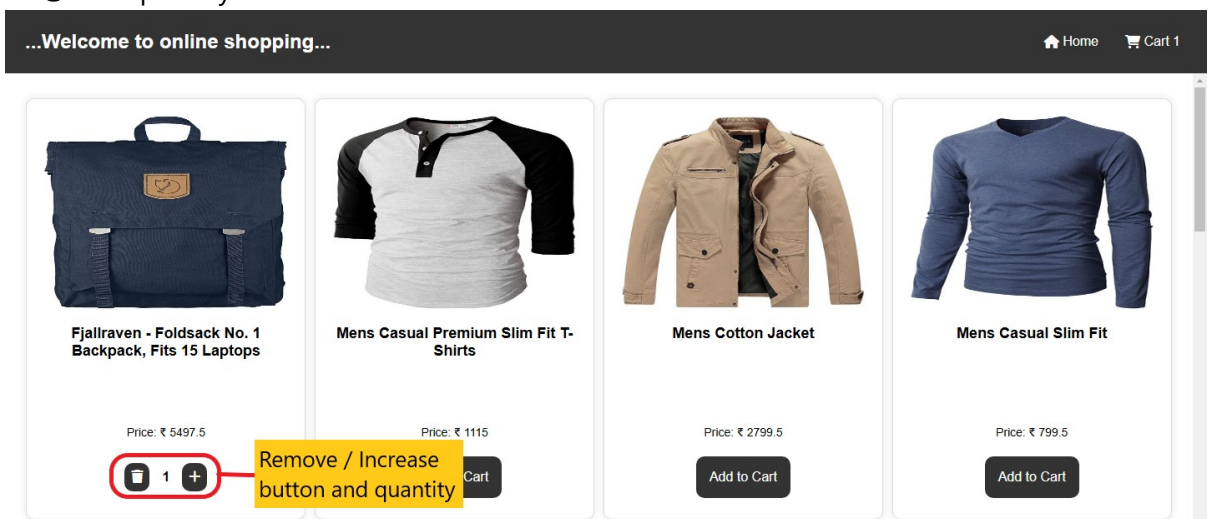


- Once clicked the **Add to Cart** button, Cart count will be updated.




- Once clicked the **Add to Cart** button, Remove / Increase / Decrease button and quantity details are displayed in place of **Add to Cart** button.

- UI @ Part quantity is 1



- UI @ Part quantity is more than 1

...Welcome to online shopping...




Fjallraven - Foldsack No. 1 Backpack, Fits 15 Laptops

Price: ₹ 5497.5

-

2


+



Mens Casual Premium Slim Fit T-Shirts

Price: ₹ 1115


Decrease / Increase / Remove button and Quantity



Mens Cotton Jacket

Price: ₹ 2799.5

Add to Cart



Mens Casual Slim Fit

Price: ₹ 799.5

Add to Cart

- Overview of Cart Page - User can see the list of product that already added to cart


...Welcome to online shopping...

Home

Cart 3

Cart List:

Final Price (3): ₹12415.05




Fjallraven - Foldsack No. 1 Backpack, Fits 15 Laptops

Price ₹10995

-

2

+



Mens Cotton Jacket

Price ₹2799.5

1

+

Discount: 10%

Final Price (3): ₹ 12415.05

Subtotal- ₹13794.5

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...Welcome to online shopping...

Home

Cart 3

Cart List:

Final Price (3): ₹12415.05




Fjallraven - Foldsack No. 1 Backpack, Fits 15 Laptops

Price ₹10995

-

2

+



Product details

Mens Cotton Jacket

Price ₹2799.5

1

+

Discount: 10%

Final Price (3): ₹ 12415.05

Subtotal: ₹13794.5

...Welcome to online shopping...


Home

Cart 3

Cart List:

Final price of all products considering quantity and discount

Final Price (3): ₹12415.05




Fjallraven - Foldsack No. 1 Backpack, Fits 15 Laptops

Price ₹10995

-

2

+



Mens Cotton Jacket

Price ₹2799.5

1

+

Discount detail

Discount: 10%

Final price of all products considering quantity and discount

Final price of all products considering quantity only

Final Price (3): ₹12415.05

Subtotal: ₹13794.5

Total price of the product considering quantity

Buttons for Part quantity 1


...Welcome to online shopping...

Home

Cart 3

Cart List:

Final Price (3): ₹12415.05




Fjallraven - Foldsack No. 1 Backpack, Fits 15 Laptops

Price ₹10995

-

2

+



Mens Cotton Jacket

Price ₹2799.5

1

+

Discount: 10%

Final Price (3): ₹ 12415.05

Subtotal: ₹43794.5

Buttons for more than 1 Part quantity


...Welcome to online shopping...

Home

Cart 3

Cart List:

Final Price (3): ₹12415.05




Fjallraven - Foldsack No. 1 Backpack, Fits 15 Laptops

Price ₹10995

-

2

+



Mens Cotton Jacket

Price ₹2799.5

1

+

Discount: 10%

Final Price (3): ₹ 12415.05

Subtotal: ₹43794.5