**Shoppy Globe E-commerce**

GitHub repository

<https://github.com/Vaibhav-Dewangan/ShoppyGlobe.git>

**ShoppyGlobe**

**Overview**

**Shoppy Globe is a modern e-commerce platform built with React, designed to offer users a seamless shopping experience. Users can browse a wide range of products, add them to their cart, search for specific items, and manage their orders.**

**Features**

* **Browse Products by Category: Easily navigate through categories like Electronics, Fashion, Home Goods, and more.**
* **Product Details: View detailed information about each product, including images, descriptions, prices, and ratings.**
* **Add to Cart: Effortlessly add items to your shopping cart for easy checkout.**
* **Search Functionality: Quickly find products by their titles or categories using the search bar.**
* **Responsive Design: Optimized for mobile, tablet, and desktop devices, ensuring a great experience on any screen size.**
* **Redux for State Management: Streamlines state handling across the application for a smooth user experience.**
* **Error Handling for Invalid Routes: Redirects users gracefully to appropriate error pages when navigating to non-existent routes.**

**Usage**

**Browsing Products**

* **Visit the homepage to see the available product categories.**
* **Select a category to browse products within it.**
* **Click on any product to view its details and options.**

**Searching for Products**

* **Use the search bar at the top of the page to quickly find products by title or keyword.**

**Managing Cart**

* **Add products to your cart by clicking the "Add to Cart" button on the product detail page.**
* **Access your cart to view items, modify quantities, or remove products.**

**Managing Your Cart**

* **Clear your cart with a single click if you change your mind about the items.**
* **Proceed to checkout when you're ready to complete your purchase.**

**Redux State Management**

**Shoppy Globe utilizes Redux for managing global state, ensuring consistent access and updates to data throughout the application.**

**Key Redux Files:**

* **cartSlice.js: Contains the logic for managing the shopping cart, including adding and removing items.**
* **appStore.js: Configures the Redux store for the application.**

**Routing**

**The application employs React Router for seamless navigation between pages:**

* **Home (/): Displays available product categories.**
* **Product Details (/products/productDetails/:id): Shows detailed information for a specific product.**
* **Cart (/Cart): Allows users to view and manage items in their shopping cart.**
* **Search (/Search): Displays results based on user search queries.**
* **About (/About): Displays information about the company.**
* **404 Page: Redirects to a user-friendly error page for invalid routes.**