# E-Commerce Buy It All

A modern and fully-featured e-commerce web application built using React. This project showcases a complete shopping experience, including product browsing, a dynamic shopping cart, user authentication, and a secure checkout process.

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## Features

* Product Listings: Browse products with filtering options.
* Product Details: View product descriptions, images, and specifications.
* Shopping Cart: Add, update, or remove products from the cart.
* User Authentication: Register and login functionality for users.
* Secure Checkout: Complete checkout with payment processing.
* Responsive Design: Mobile-friendly interface for all screen sizes.

## Technologies Used

* Frontend: React, React Router
* State Management: Redux (or Context API)
* Styling: CSS Modules / Framer Motion /Bootstrap/React Icons
* Forms: React Hook Form + Yup for validation
* API Requests: Axios
* Payment Integration: Stripe / PayPal
* Backend : Node.js, Express

## Installation

Clone the repository:  
 ```bash  
 git clone https://github.com/Hajerabdeen/E-Commerce-BuyITALL.git  
 cd E-Commerce-BuyITALL  
 ```

Install dependencies:  
 ```bash  
 npm install  
 ```

Set up environment variables:  
 Create a .env file in the root directory and include the following variables:  
 ```  
 REACT\_APP\_API\_URL=your-api-url  
 REACT\_APP\_STRIPE\_KEY=your-stripe-key  
 ```

Run the development server:  
 ```bash  
 npm start  
 ```  
 The app will be available at http://localhost:3000.

## Usage

* Browsing Products: Use the homepage to browse all available products.
* Product Details: Click on any product to see more details.
* Add to Cart: Add desired products to your shopping cart.
* Authentication: Sign up or log in to make purchases.
* Checkout: Go to the cart, review items, and proceed to checkout.

## Folder Structure

Here's a brief overview of the project's folder structure:  
  
```  
E-Commerce-BuyITALL/ client  
├── public/ # Static files (index.html, images, etc.)  
├── src/  
│ ├── images/ # Images, fonts, etc.  
│ ├── components/ # Reusable UI components  
│ ├── pages/ # Main pages (Home, Product, Cart, etc.)  
│ ├── context/ # State management (Redux, Context API)  
│ ├── hooks/ # Custom React hooks  
│ ├── services/ # API calls and integrations  
│ ├── styles/ # CSS stylesheets or styling components  
│ └── App.js # Main App component  
├── .env # Environment variables  
├── package.json # Project dependencies and scripts  
└── README.md # Project documentation (this file)  
```

E-Commerce-BuyITALL/ server #contain all backend files

## Contributing

Contributions are welcome! Please follow these steps:  
  
1. Fork the repository.  
2. Create a new branch:  
 ```bash  
 git checkout -b feature/your-feature-name  
 ```  
3. Make your changes.  
4. Commit your changes:  
 ```bash  
 git commit -m 'Add your message here'  
 ```  
5. Push to the branch:  
 ```bash  
 git push origin feature/your-feature-name  
 ```  
6. Submit a pull request.

## License

This project is not licensed under the MIT License.