

TrendyCart – A Responsive Fashion Store with Smart Wishlist

Abstract:

The project titled "**TrendyCart – A Responsive Fashion Store with Smart Wishlist**" is a web-based application simulating a modern fashion e-commerce platform. The objective is to design a responsive and interactive fashion retail website that enables users to browse clothing, footwear, and accessories in a clean and user-friendly interface. Built using HTML, CSS, JavaScript, and Bootstrap, TrendyCart showcases dynamic product listings, interactive features, and a seamless browsing experience. Key functionalities include product filtering, a persistent wishlist using local storage, promotional banners, and a basic chatbot for outfit suggestions. The project is developed solely for academic purposes to demonstrate front-end development skills, web UI/UX design, and the use of local browser storage.

Key Features:

1. **Simulated User Login & Signup**
 - Local storage-based form handling with user session simulation.
2. **Product Display with Filters**
 - Filter items by category, price range, and brand for better navigation.
3. **Smart Wishlist**
 - Add/remove items to a persistent wishlist using JavaScript and local storage.
4. **Fashion Assistant Chatbot (Optional)**
 - Simple JavaScript chatbot suggesting outfits for different occasions.
5. **Flash Sale Banner & Countdown**
 - Simulated promotional sale banners and timer for offers.
6. **Fully Responsive Design**
 - Bootstrap-powered layout optimized for mobile, tablet, and desktop screens..

Technologies Used:

- **Frontend:** HTML, CSS, JavaScript, Bootstrap
- **Data Storage:** Local Storage (for login, wishlist)
- **Product Data:** JSON (static or simulated product API)

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