"Apple" e-commerce website

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This project is an e-commerce website focused on Apple products. The goal is to present a visually appealing and technically robust online store built according to modern web standards. The homepage design is inspired by Apple's official website, while the structure and functionality of the remaining pages reflect the authors' own interpretation.

Through this website, users can browse Apple products and their specifications, add or remove items from the shopping cart, filter products based on various attributes, sort products by price, search for products, and navigate between pages using pagination.

Key Features:
- Fully responsive design
- Pages include: Home, MacBook, iPhone, iPad, and Product Details
- Product filtering functionality
- Sorting by different criteria
- Search functionality
- Pagination
- Loading spinner to indicate data is being fetched instead of showing a blank screen

Technologies Used:
- **React.js** – JavaScript library for building user interfaces
- **Vite** – For fast project setup and development
- **Tailwind CSS** – Utility-first CSS framework for styling
- **React Router DOM** – For client-side routing
- **Zustand** – For state management
- **Persist from zustand/middleware** – Enables data persistence (e.g., shopping cart contents, user preferences) across page reloads or browser closures
- **GSAP** – For creating smooth animations

Literature

[1] Zustand- official documentation - https://zustand.docs.pmnd.rs/

[2] Zustand tutorial - https://www.youtube.com/watch?v=_ngCLZ5Iz-0
[3]Tailwind official documentation - https://tailwindcss.com/

[3] GSAP scrollTrigger tutorial - https://www.youtube.com/watch?v=X7IBa7vZjmo&t=902s

[4] GSAP official documentation - https://gsap.com/resources/

[5] Video carousel - https://medium.com/@mkmanish2598/guide-to-creating-a-youtube-instagram-slider-or-a-video-carousel-in-react-using-videojs-and-dbbc181ebc8c

[6] Local storage and session storage - https://www.geeksforgeeks.org/difference-between-local-storage-session-storage-and-cookies/