

Assignment:

Next.js E-Commerce Assignment

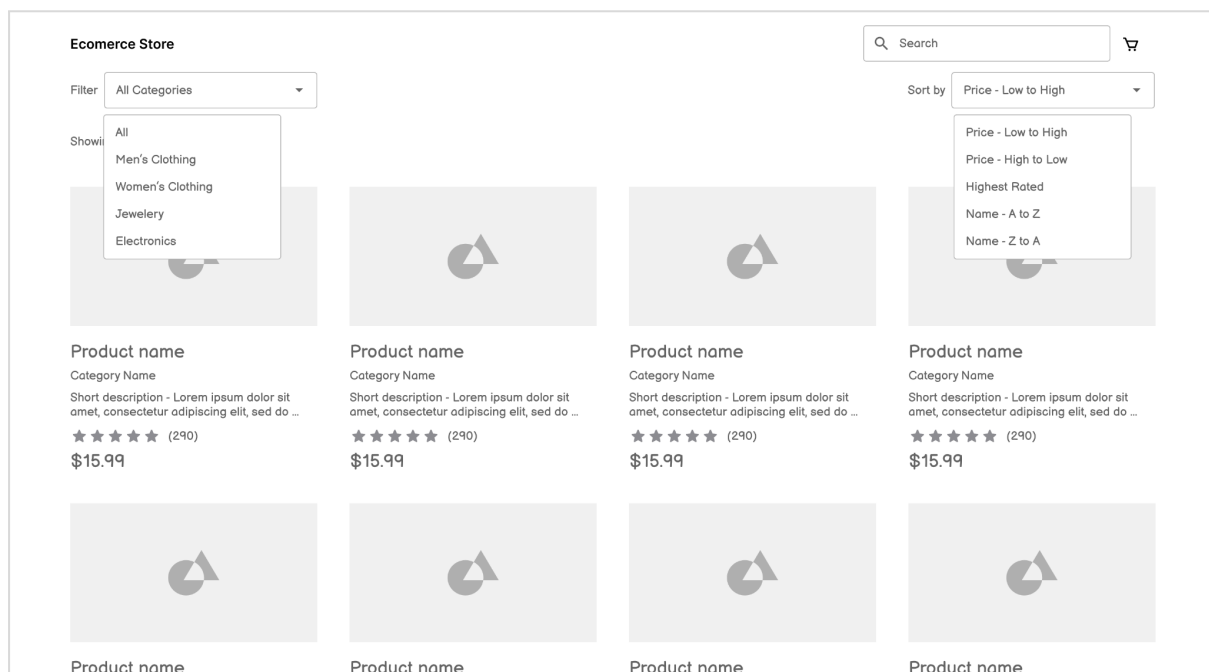
Objective:

Build a mini e-commerce app using Next.js and API – <https://fakestoreapi.com/>.

Headless UI

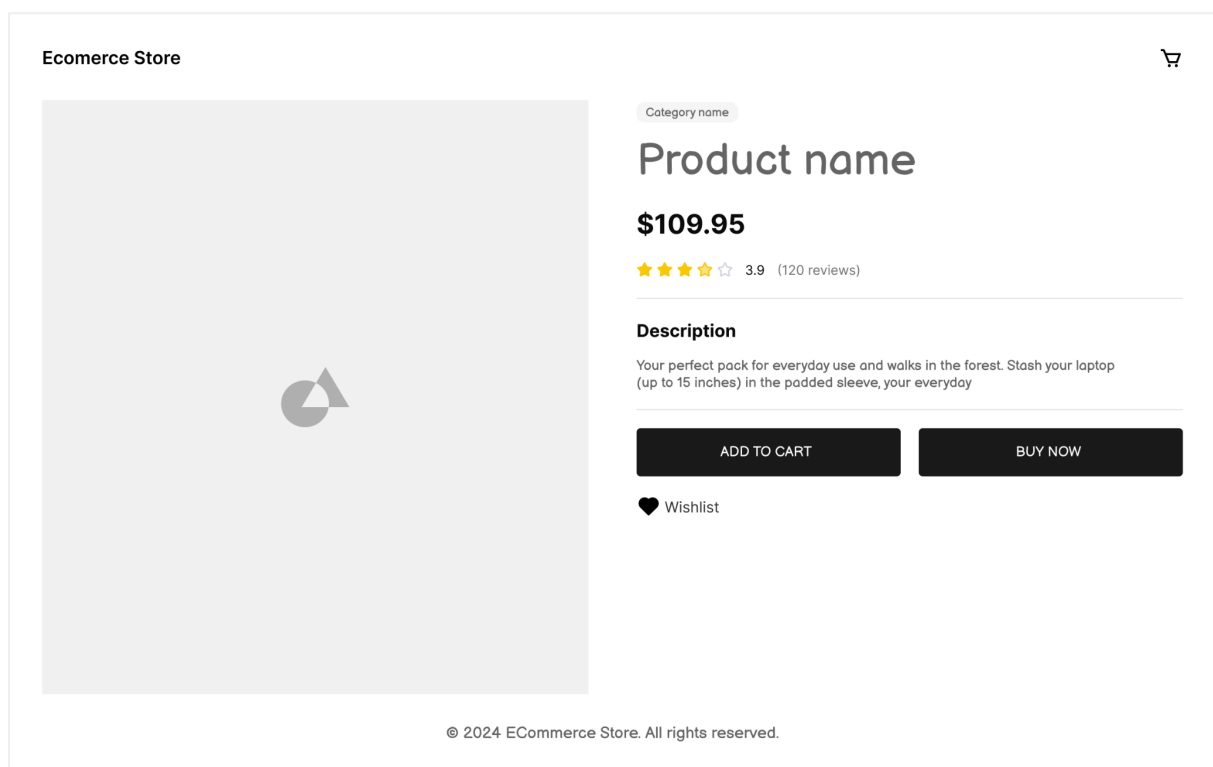
Product Collection Page :

- Fetch products from <https://fakestoreapi.com/products>.
- Show product **image, title, price, category, description, rating**.
- Add a simple **search bar** to filter products by name.
- Add a **category filter** (</products/categories>).



Product Page :

- Clicking a product opens /products/[id].
- Show title, description, image, price, category, rating.
- Add "Add to Cart" and "Buy Now" button.
- Wishlist Button



Cart Page :

- Display all added products with **title, image, price, quantity**.
- Show **total price** at bottom.
- Allow **remove from cart**.

Shopping Cart

Review and manage your cart items

Cart #1 Items



Fjallraven - Foldsack No. 1 Backpa...
Your perfect pack for everyday use and ...
Category ★ 3.9 (120)

\$439.80

- 4 +

Remove



Mens Casual Premium Slim Fit T-...
Slim-fitting style, contrast raglan long sl...
Category ★ 4.1 (259)

\$22.30

- 1 +

Remove



Mens Cotton Jacket
great outerwear jackets for Spring/Autu...
Category ★ 4.7 (500)

\$335.94

- 6 +

Remove

Order Summary

Subtotal	\$798.04
Shipping	\$0.00
Tax	\$63.84
Total	\$861.88

Proceed to Checkout

Continue Shopping

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Tech Stack:

- Frontend Framework: Next.js (latest version)
- Language: TypeScript (preferred) or JavaScript
- Styling: Tailwind CSS (preferred) or CSS Modules
- API Integration: Fetch data from Fakestore API

Evaluation Criteria:

1. Code Quality:

- Clean, well-structured, and modular code
- Proper use of Next.js best practices (routing, data fetching, components)
- Reusable components and maintainable folder structure

2. Functionality:

- Product listing, detail view, and cart work as expected
- Search and category filtering function properly
- Remove product from cart to run smoothly

3. UI/UX:

- Responsive and user-friendly design
- Clear navigation between pages
- Loading states, error handling, and smooth interactions

Project Explanation:

The candidates are required to create a project based on the design and details provided. Upon completing the project, they must present it on their own laptop to demonstrate its functionality and undergo a code audit.

Note :

1. The assignment must run locally; no internet access will be provided. Do not use CDN-based JS or CSS; instead, import all required files locally.
2. Avoid using ChatGPT or any AI tool.