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Day 4 - Dynamic Frontend Components - Nike E-Commerce

1. Functional Deliverables:

Product Listing Page: I created a dynamic product listing page that fetches Nike product data from the API and displays it.

Product Detail Pages: I implemented dynamic routing, so each product has its own detailed page with accurate information.

Filters & Pagination: I added category filters, a search bar, and pagination to help users navigate products easily.

Additional Features:

I added sorting filters for price (low to high, high to low).

I made the filter section responsive, hiding it on smaller screens for better user experience.

I integrated wish list, stock alert, and size selection options for each product.

FAQ

2. Code Deliverables:

Key Components:

ProductCard: Displays individual product details like name, price, and image.

Product List: Maps through products and shows them in a grid layout.

Search Bar: Allows users to search products by name.

Sorting Component: Sorts products by price (low to high, high to low).

API Integration: I integrated the API to dynamically fetch and display product data. The products are then routed to their respective detail pages using dynamic routing.

3. Challenges & Solutions:

Implemented dynamic routing for accurate product details.

Managed sorting and filtering with custom functions.

Ensured responsiveness by hiding the filter on smaller screens.