

Project Task

Project Title: E-commerce Product Catalog

Problem Statement:

Develop an e-commerce product catalogue using only HTML and CSS that simulates a shopping experience for users. The catalogue should showcase a variety of products across different categories, allowing users to browse and view product details with a visually appealing and responsive design.

Requirements:

- Product Display:

Implement a grid layout to display multiple products, including product images, names, prices, and ratings.

Ensure consistency in the presentation of product information and maintain alignment across grid items.

- Category Navigation:

Include a navigation menu or dropdowns to filter products by categories (e.g., electronics, clothing, accessories).

Allow users to visually distinguish between categories, even though the functionality of switching between categories will not be implemented.

- Product Details:

Design a detailed product view that visually highlights key information such as descriptions and specifications.

The product details layout should be visually appealing and easy to navigate, even though interaction for expanding details will not be functional.

- Responsive Design:

Ensure that the product catalogue layout adjusts smoothly to different screen sizes, maintaining readability and usability.

Test the responsiveness of the navigation, product grid, and product details on various devices.

Specific Test Case Scenarios:

- Category Navigation:

Verify that the navigation menu or dropdown options for categories are visually distinguishable and easy to navigate.

Test the behaviour of the navigation menu on different screen sizes to ensure it remains accessible and functional.

- Product Display:

Validate the layout and styling of product grid items, ensuring consistent spacing and alignment.

Test the display of product images, names, prices, and ratings for clarity and readability.

- Product Details:

Confirm that the detailed product view layout is clear, even though the clicking functionality is not required.

Test the visibility and readability of product descriptions, specifications, and customer reviews within the product details view.

- Responsive Design:

Resize the browser window or test on different devices to ensure the product catalogue layout adjusts appropriately.

Verify that all elements remain accessible and functional across various screen sizes, including smartphones, tablets, and desktops.

Reference Output:

Feel free to modify the output and include additional content as you see fit.


Discover Our Latest Products

All Products

Electronics

Clothing


Accessories



Smartphone

\$499.99


★★★★★



Headphones

\$79.99


★★★★★



Sneakers

\$89.99

★★★★★



Watch

\$149.99

★★★★★

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