Report assignment 8

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Beauty Shop Website — Code Breakdown

This project consists of a static, multi-page website for a fictional beauty store named "Rom&nd". The website provides an interactive and engaging user interface for customers interested in beauty products, featuring key functionalities like product listings, cart management, contact forms, and a company about page.

1. Project Structure

The project consists of the following core pages:

- **Home Page:** Introduction to the store with featured product cards and a hero section.
- **Products Page:** Static listing of beauty products available for purchase.
- **About Page:** Describes the beauty shop's mission, quality promise, and customer service.
- **Contact Page:** A form for customers to send inquiries or messages.
- **Cart Page:** A static layout for the shopping cart, displaying selected items.

The website uses **HTML**, **CSS**, and **JavaScript** to structure and style its content.

2. HTML Structure

Each page follows a common layout with:

- **Header Section:** Contains the logo and navigation bar, which links to all pages of the site.
- **Main Content:** Contains specific content for each page, such as the hero section, product grid, about section, or contact form.
- **Footer Section:** Displays a simple copyright notice.

3. CSS (style.css)

The **style.css** file provides styling for the website using CSS variables, Flexbox, Grid, and media queries for responsiveness.

- **Global Styles:** Defines the primary color scheme, font-family, and base font size for the website.
- **Hero Section:** Provides a welcoming message and a call-to-action button.

- **Product Cards:** Each product is displayed within a grid layout with its name, price, and an option to add it to the cart.
- **Navigation:** Styled with Flexbox to ensure the navigation menu is responsive and accessible.

4. Product Section

The **products.html** page showcases the beauty products in a grid layout. The product cards display the product image, name, price, and buttons for viewing and adding items to the cart.

5. Cart Section

The **cart.html** page is used to display the shopping cart contents. It allows the user to see their selected items, clear the cart, or continue shopping.

6. JavaScript Functionality

JavaScript files like **cart.js** and **products.js** are responsible for dynamic functionality on the website.

- **Adding Products to Cart:** Handles the functionality of adding products to the shopping cart.
- **Cart Management:** Updates cart totals dynamically and provides options for clearing the cart or continuing shopping.

7. Responsive Design

The website is responsive across devices, with media queries ensuring proper layout adjustments for different screen sizes.

- **Mobile and Tablet View:** Adjusts product grid layout and navigation for smaller screens.
- **Desktop View:** Provides a full-width product grid layout with a header that adapts to different screen sizes.

8. Summary

This Beauty Shop website is built using core web technologies such as **HTML**, **CSS**, and **JavaScript**. It includes multiple pages for different sections of the shop, such