

Product Customizer

The Interactive Product Customizer provides a dynamic and responsive interface for customizing T-shirts, built using HTML, CSS, and JavaScript. This web application allows users to personalize T-shirts by selecting color, size, custom text, and text color, with real-time updates and responsive design across devices.

Key Features:

1. Product Customization Interface:

- Users can choose from four T-shirt colors (White, Black, Blue, Red) and four sizes (S, M, L, XL).
- The application supports live updates to the T-shirt preview, reflecting changes in color and displaying custom text on the T-shirt.

2. Dynamic Rendering:

- The interface dynamically adjusts the displayed T-shirt color, size, and text through JavaScript event handling, ensuring a smooth user experience without page refreshes.
- Users can input custom text with a real-time update on the T-shirt, alongside text color customization.

3. Preview Image & Animations:

- The product preview area includes subtle animations for a smooth transition of updates to the T-shirt image, enhancing visual appeal.

4. Price Calculation:

- The customizer displays a base price of ₹200 with price increments based on color and size choices.
- The total price dynamically updates as users select various customization options.

5. Form Validation:

- The application ensures that users select a color, size, and enter custom text before enabling the "Add to Cart" button, with clear validation messaging.

6. Save Customization:

- Using local storage, the application saves user preferences, allowing customizations to be pre-loaded when users revisit the page, enhancing the overall experience.

This project demonstrates effective DOM manipulation, event handling, and local storage management, providing a comprehensive solution for an interactive e-commerce customization tool.