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| RAZDA Co. | | | | |
| **Filename: [cart.html]** | | | | |
| **Summary***:*  This template provides an interactive interface for users to view and manage their shopping cart in Razda Market. Users can review products added to their cart, adjust quantities, view the total price, and proceed to checkout or clear their cart. It facilitates efficient cart management, encouraging seamless transitions to purchase. | | | | |
| ***Processes*** | | | | |
| * **DOCTYPE and HTML Structure** | * **Defines the document as HTML5 and sets language to English.** | | | * **Ensures compatibility across different browsers and aids accessibility.** |
| * **Header (<head>) Section** | * **Contains metadata, page title, and links to external CSS.** | | | * **Establishes a standardized style and metadata for the cart page.** |
| * **<body> Section** | * **Houses the primary structure and elements for displaying cart items and total cost.** | | | * **Enables users to view items in their cart with options for checkout and clearing the cart.** |
| * **Messages Display** | * **Shows success or error messages related to cart actions.** | | | * **Provides immediate feedback for user actions (e.g., adding, removing items) for enhanced UX.** |
| * **Cart Items Table** | * **Lists all items in the cart, including product details, price, quantity, and subtotal.** | | | * **Allows users to review cart items and make adjustments before proceeding to checkout.** |
| * **Total and Checkout Section** | * **Displays the total price and a button to proceed to checkout.** | | | * **Encourages users to complete purchases by showing the total amount and a checkout option.** |
| * **Clear Cart Button** | * **Provides an option to remove all items from the cart.** | | | * **Allows users to reset their cart if they wish to start over.** |
| **Files it Gets Information From:** | | | **Files it Sends too:** | |
| * Cart Backend (cart.py) | | * Provides access to functions for removing items, clearing the cart, and calculating the total. | | |
| |  | | --- | | * **Product Image Path** |  |  | | --- | |  | | | * Uses image path provided in the backend for each cart item to display product images. | | |
| * Product Details (e.g., name, price) | | * Fetched dynamically for each item added to the cart, enhancing the shopping experience. | | |
| **Expected input into file:** | | | **Expected output from file:** | |
| |  |  | | --- | --- | | * **- Cart Items: List of items with attributes such as name, price, quantity, image\_path.**  |  | | --- | |  | |  * - **Messages**: Feedback messages for cart actions (e.g., item removed, cart cleared). | | | * - **Rendered Cart Page**: Displays cart items, total price, and checkout options in a structured table format. * - **Feedback Display**: Shows messages (e.g., "Item removed") within alert boxes. | |
| **Things that need to be taking place:** | | | | |
| |  | | --- | | **1. DOCTYPE Declaration** | | **- Purpose: Declares the HTML5 document type.** | | **- Expected Outcome: Consistent behavior across browsers.** |   **| 2. Metadata and Title in Header (<head>) | | - Purpose: Sets character encoding and page title; links to CSS for consistent styling.| | - Expected Outcome: Displays title "Your Cart - Razda Market" in the browser tab.|**  **| 3. Messages Section | | - Content: Shows alerts for user actions, including successes and errors.| | - Purpose: Provides immediate feedback, enhancing user understanding of cart interactions.| | - Expected Output: Displays flash messages such as "Item removed" in a styled alert box.|**  **| 4. Cart Items Table | | - Purpose: Lists cart items with each item’s name, price, quantity, subtotal, and an action button for removal.| | - Expected Input: Data for each cart item, including name, price, quantity, and image\_path.| | - Expected Output: Renders a table where each row represents a cart item with product details and subtotal price.|**  **| 5. Total and Checkout Section | | - Purpose: Displays the cart’s total price and a button to proceed to checkout.| | - Expected Output: Encourages checkout completion by clearly showing the total amount and providing a checkout button.|**  **| 6. Clear Cart Button | | - Purpose: Allows users to remove all items from their cart with a single click.| | - Expected Output: Clears cart and displays confirmation message.|**   | **User Interaction Flow:** | | --- | | **- Step 1: User views items in the cart and sees product details including quantity and subtotal.** | | **- Step 2: User can remove individual items, clear the entire cart, or proceed to checkout.** | | **- Step 3: User is directed to the checkout page or home page based on their selection.** |  | **Enhanced User Experience Features:** | | --- | | **- Immediate Feedback: Flash messages provide instant feedback for user actions like removal or clearing items.** | | **- Structured Layout: Cart items displayed in a table format makes it easy to review and adjust purchases.** | | **- Responsive Design: Uses Bootstrap classes for a responsive layout on various screen sizes.** |  | **Potential Improvements:** | | --- | | **- Quantity Adjustments: Add a feature to modify item quantities directly in the cart.** | | **- Estimated Shipping or Discounts: Show estimated shipping cost or apply available discounts.** | | **- Recommended Products: Suggest similar products or accessories based on cart items to increase cross-selling opportunities.** |  | **Additional Expected Components:** | | --- | | **1. Product Image: Each item has a corresponding image for easy identification.** | | **2. CSS Styling: Enhanced by linking to Bootstrap and styles.css for clean visuals and responsiveness.** | | **3. JavaScript for Modal Confirmation (Optional): Use a modal to confirm actions like "Clear Cart" for UX improvement.** |  |  | | --- | |  | | | | | |
| Edit log (update each time you make changes to doc or file). | | | | |
| * Oliver Smith (Razda Admin) Nov 8, 2024: | | | | |