|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| RAZDA Co. | | | | |
| **Filename: [horizontalcat.html]** | | | | |
| **Summary***:*  This template displays product categories in a horizontally scrollable format, allowing users to quickly browse different product categories and select one for a more focused view. This structure is ideal for sites with a broad product offering, helping users find their interests efficiently. | | | | |
| ***Processes*** | | | | |
| * **Category Loop** | * **Loops through each category in categories.** | | | * **Dynamically generates category boxes to display available product categories. Enables users to view all categories in a single, scannable row.** |
| * **Link to Category Page** | * **Hyperlinks each category to a dedicated page.** | | | * **Each category is clickable and redirects users to the specific category page with more details on the products within that category.** |
| * **Category Name Display** | * **Displays the name of each category.** | | | * **Ensures that users can quickly identify each category by name, making it easy to select categories based on interest.** |
| **Files it Gets Information From:** | | | **Files it Sends too:** | |
| * Category Data Source (Backend) - The categories list is provided by a backend view or controller, likely querying the database for available product categories. | | * Category Detail Page (linked via view\_category) - Clicking on a category redirects the user to a category detail page, enabling them to see all products within the selected category. | | |
| * Category Detail Page URLs - The URLs for category pages are generated dynamically using the url\_for function, leading users to the specific pages for each category. | |  | | |
| **Expected input into file:** | | | **Expected output from file:** | |
| * **categories List**: Each category in the list should have properties like category\_name and category\_id. * **Category URLs**: The view\_category route needs to accept a category\_id for dynamic URL generation. * **Category Names**: Each category entry should contain a descriptive category\_name. | | | * **Horizontally Scrollable Category Display**: Outputs categories in a scrollable row, each with a clickable title linking to its specific page. * **User-Friendly Layout**: Displays all categories in an easy-to-scan format with each name centered and links styled for accessibility. * **Clickable Links to Category Pages**: Each category name is clickable, taking users to the appropriate page for a focused product view. | |
| **Things that need to be taking place:**   |  | | --- | | **Category Loop** | | **- Purpose: Iterates through the categories array, creating an entry for each category with its respective link and name.** | | **- Expected Outcome: Clear, organized presentation of categories, with smooth horizontal scrolling for ease of browsing.** |   **| Link to Category Page | | - Purpose: Provides a direct link to the category’s specific page. | | - Expected Outcome: Enhances user experience by enabling direct access to the selected category’s products. |**  **| Category Name Display | | - Purpose: Displays the name of each category, allowing users to identify categories easily. | | - Expected Outcome: Ensures clarity and quick navigation for users interested in a specific type of product.|**   | **User Interaction Flow** | | --- | | **- Step 1: User scrolls through the horizontally displayed categories in the horizontal-category.** | | **- Step 2: User clicks a category name, redirecting them to a page showcasing all products within that category.** | | **- Step 3: User can explore products on the category page, with the option to add items to the cart or view details.** |  | **Enhanced User Experience Features** | | --- | | **- Hover Effects on Category Names: Adding a hover effect (such as changing text color or underlining) can visually indicate that categories are clickable.** | | **- Lazy Loading for Categories: For improved performance, consider lazy loading if the category list is extensive.** |  | **Potential Improvements** | | --- | | **- Category Icons or Images: Displaying an icon or image alongside each category name can improve visual identification, making it easier for users to find what they’re looking for.** | | **- Show Category Descriptions: Including a brief description of each category in a tooltip can help users unfamiliar with specific categories.** |  | **Accessibility Considerations** | | --- | | **- ARIA Labels on Links: Add descriptive aria-labels for each category link, ensuring screen readers convey that the links lead to a category’s product list.** | | **- Keyboard Navigation: Allow horizontal scrolling with keyboard arrow keys for better accessibility.** |  | **CSS Styling** | | --- | | **- .horizontal-category: Uses display: flex and overflow-x: scroll to allow smooth, responsive horizontal scrolling.** | | **- .category: Centers text and applies consistent margin spacing for a clean, well-organized look.** | | | | | |
| |  | | --- | |  | | | | | |
| Edit log (update each time you make changes to doc or file). | | | | |
| * Oliver Smith (Razda Admin) Nov 8, 2024: | | | | |