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| RAZDA Co. | | |
| **Filename: [horizontalbox.py]** | | |
| **Summary***:*  horizontalbox.py generates a horizontal display box format for showcasing featured products, collections, or promotional items. The file is structured to present these items in a visually appealing horizontal layout, adaptable to various screen sizes, ensuring that content is accessible and aesthetically pleasing across devices. | | |
| ***Processes*** | | |
| * **Featured Products Retrieval** | * **Predefined featured products, including their names, images, prices, and links, are hardcoded into the file to serve as a showcase. This section can be expanded to dynamically pull featured items from a database or environment variables in the future.** | |
| * **Horizontal Box Rendering** | * **The horizontalbox() route renders the featured products using the horizontalbox.html template, displaying them in a horizontal box layout for easy browsing and engagement.** | |
| * **Logging and Monitoring** | * **Each access to the horizontal box display is logged in horizontalbox.log for monitoring user interactions and performance. Logging also assists in tracking any rendering issues.** | |
| **Files it Gets Information From:** | | **Files it Sends too:** |
| * **Environment File (.env)**: for loading environment variables if needed in future feature expansions. | * horizontalbox.log: records log entries for actions like successful rendering and errors encountered. | |
| * **Static Images**: includes predefined image paths for each featured product located in /static/images/ | * **Template File**: sends product data to horizontalbox.html for rendering in the horizontal layout. | |
| **Expected input into file:** | | **Expected output from file:** |
| * **Static Product Data**: predefined product data with attributes like name, image\_url, price, and link. * **HTTP GET Request**: accepts GET requests to access /horizontalbox for displaying the box format. * **Environment Variables**: loads any future required environment variables using load\_dotenv() for further customization | | * **Rendered Template**: renders horizontalbox.html to display featured products in a horizontal arrangement. * **Log Entries**: logs actions such as accessing the horizontal box view, along with error logs if the rendering process encounters issues. * **Error Logs**: logs any errors encountered in loading or rendering featured products in horizontalbox.log |
| **Things that need to be taking place:** | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  | | --- | | **- Image Availability: Confirm that image files (/static/images/product1.jpg, etc.) exist in the specified location to avoid broken images.** |  |  | | --- | | **- Template File Accessibility: Ensure that horizontalbox.html exists and is properly formatted for a horizontal display box.** |  |  | | --- | | **- Logging Configuration: Verify that horizontalbox.log is set up and accessible for recording actions and errors.** |  |  | | --- | | **- Future Expansion Flexibility: Consider updating featured products retrieval to dynamically pull from a database or environment variable in future iterations.** |  |  | | --- | | **- Responsive Design: Ensure horizontalbox.html is designed to adapt horizontally across various screen sizes for optimal user experience.** | | | | |
| Edit log (update each time you make changes to doc or file). | | |
| * Oliver Smith (Razda Admin) Nov 8, 2024: | | |