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| RAZDA Co. | | |
| **Filename: [market\_dashboard.html33]** | | |
| **Summary***:*  The market\_dashboard.html file is the central hub for Razda Market's administrative tasks, allowing market admins to manage products, view sales reports, and monitor inventory levels. The dashboard includes sections for adding, editing, or deleting products, reviewing daily sales performance, and receiving alerts about low inventory products. This layout facilitates efficient management and quick access to critical data for maintaining the market's operational flow. | | |
| ***Processes*** | | |
| * **Display Flash Messages** | **Uses get\_flashed\_messages to show feedback for admin actions (e.g., success or error messages for product addition or deletion). Messages are styled with Bootstrap alerts for clear visibility.** | |
| * **Manage Product Inventory** | **Lists all products with details like Product ID, Name, Price, Inventory Count, and provides options to edit or delete each product. Includes a button to add a new product.** | |
| * **View Sales Reports** | **Shows a summary of daily sales, including total sales amount and order count, providing insight into recent sales performance** | |
| * **Inventory Alerts** | **Lists products with low inventory to alert the admin of restocking needs, helping ensure adequate stock levels for demand.** | |
| **Files it Gets Information From:** | | **Files it Sends too:** |
| * **CSS file (styles.css)**: Styles the layout, tables, and buttons, ensuring the dashboard is visually consistent with Razda Market's brand. | * **Add Product Route (market\_dashboard.add\_product)**: The "Add New Product" button directs admins to the product addition form. | |
| * **header.html**: Provides navigation and branding at the top, ensuring consistency across the admin and user interfaces. | * **Edit Product Route (market\_dashboard.edit\_product)**: Each product's "Edit" button links to a form where admins can update product details. | |
| * **footer.html**: Provides consistent footer information at the bottom of the page. | * **Delete Product Route (market\_dashboard.delete\_product)**: The "Delete" button sends a POST request to remove a product, with a confirmation prompt to prevent accidental deletions. | |
| **Expected input into file:** | | **Expected output from file:** |
| * **products**: A list of dictionaries or objects containing product details such as product\_id, name, price, and inventory\_count. This data is used to populate the Products table. * **sales\_reports**: A list of daily sales reports, with each entry containing report\_date, total\_sales, and total\_orders. This data populates the Sales Reports table. * **inventory\_status**: A list of products with low inventory, each with product\_id, name, and inventory\_count. This data populates the Inventory Alerts table. * **messages**: Flash messages for feedback, such as successful product updates or alerts on inventory changes. | | * **Product Management Table**: Displays each product’s details with actions to edit or delete, allowing the admin to manage inventory efficiently. * **Sales Reports Table**: Shows daily sales summaries to give the admin insights into recent market performance. * **Inventory Alerts Table**: Highlights products with low inventory, enabling timely restocking actions by the admin. * **User Notifications**: Displays Bootstrap-styled alert messages to inform the admin of recent actions and outcomes. |
| **Things that need to be taking place:** | | |
| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  | | --- | | **1. Data Pre-loading: Ensure that products, sales\_reports, inventory\_status, and messages are passed correctly to the template, allowing each dashboard section to display the necessary information.** |  |  | | --- | | **2. Product Actions: Verify that the routes for add\_product, edit\_product, and delete\_product are fully functional. Ensure that "Delete" includes a confirmation to prevent unintended actions.** |  |  | | --- | | **3. Sales Data Accuracy: Confirm that sales\_reports data is accurate and up-to-date, providing the admin with reliable insights into recent sales performance.** |  |  | | --- | | **4. Inventory Alert Updates: Ensure that inventory\_status accurately reflects products with low inventory, allowing timely restocking. Implement real-time or regular updates for critical items as needed.** |  |  | | --- | | **5. Flash Messages: Implement flash messages for success, warning, and error states, ensuring clear feedback for actions such as product deletion, addition, or editing.** |  |  | | --- | | **6. Pagination (Optional): For a large number of products, consider adding pagination in the product table to maintain readability and ease of navigation.** |  |  | | --- | | **7. Styling and Responsiveness: Ensure the dashboard layout is responsive and visually accessible across different screen sizes, particularly for tablet or desktop views.** |  |  | | --- | | **8. Date and Currency Formatting: Confirm that dates (e.g., report\_date) and monetary values (e.g., total\_sales) are formatted consistently and correctly, using two decimal places for currency values where applicable.** |  |  | | --- | | **9. Security: Use CSRF protection for forms and confirm user permissions for dashboard access to prevent unauthorized actions. Only admins should be able to perform these actions.** | | | | |
| Edit log (update each time you make changes to doc or file). | | |
| * Oliver Smith (Razda Admin) Nov 8, 2024: | | |