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| RAZDA Co. | | | | |
| **Filename: [admin\_orders.html]** | | | | |
| **Summary***:*  This template enables administrators to manage, view, and control order status on Razda Market. It includes a filtering system, displays order details, and allows status updates, deletions, and pagination for efficient order management. | | | | |
| ***Processes*** | | | | |
| * **Header and CSS Imports** | **Links to Bootstrap, custom CSS, and other resources.** | | | **Ensures a visually appealing layout, consistent styling, and responsiveness across devices.** |
| * **Container Structure** | **Wraps content in a Bootstrap container.** | | | **Provides a clean and centered layout for easier navigation and readability.** |
| * **Flash Messages** | **Displays success/error notifications after actions.** | | | **Offers immediate feedback, enhancing user experience by notifying administrators of completed or failed actions.** |
| * **Filter Form** | **Allows filtering orders by status and user ID.** | | | **Improves efficiency by enabling admins to quickly locate specific orders or filter by various criteria.** |
| * **Order Table** | **Displays order details including ID, user, status, amount, and creation date.** | | | **Presents critical order information in a structured way, allowing for easy access and updates to orders.** |
| * **Pagination Controls** | **Adds pagination to the order table.** | | | **Supports better user experience by breaking down large datasets into manageable pages, minimizing load times.** |
| * **Bootstrap JavaScript** | **Adds Bootstrap's JavaScript functionality.** | | | **Enables interactive features such as modals and alerts, enhancing the page's usability.** |
| **Files it Gets Information From:** | | | **Files it Sends too:** | |
| * order\_management.py: Handles backend logic for retrieving order data, filtering, updating, and deleting orders. | | * order\_management.py: Sends information on specific actions like viewing, updating, and deleting orders, which are processed server-side. | | |
| * admin\_dashboard.py: Provides access control and may provide user role verification for accessing order management. | | * Database: Stores all updates made to orders, including status changes or deletions, for persistent storage and auditing. | | |
| **Expected input into file:** | | | **Expected output from file:** | |
| * **Filters**: Order status dropdown and user ID input field. * **Order Table Row**: Shows details for each order. * **Pagination Controls**: Page navigation options. * **Button Clicks**: Actions for view/update and delete order. | | | * **Filtered Order List**: Displays only the orders matching the filters. * **HTML Table Rendering**: Displays each order's details within a table. * **Paginated Order Display**: Limits the number of displayed orders per page. * **Flash Messages**: Success/error notifications on completed actions. | |
| **Things that need to be taking place:** | | | | |
| |  | | --- | | **1. Order Status Filter** | | **- Dropdown Menu: Allows filtering orders by their status, such as "Pending," "Processing," "Shipped," "Delivered," or "Canceled."** | | **- Purpose: Helps administrators quickly locate orders in different stages of fulfillment.** | | **- Expected Input: Selected status from predefined options.** |   **| 2. User ID Filter | | - Text Input: Allows entering a specific user ID to filter orders for that user only.| | - Purpose: Supports precise searching for individual user orders, aiding in customer service and troubleshooting.| | - Expected Input: A numerical user ID.|**  **| 3. Order Table | | - Columns: Order ID, User ID, Status, Total Amount, Created At, Actions.| | - Purpose: Provides a structured view of each order with all relevant information.| | - Actions: "View/Update" opens a detailed order view, and "Delete" removes the order from the database.|**  **| 4. Pagination Controls | | - Previous/Next Buttons: Navigate through pages.| | - Page Numbers: Lists available pages for easy access.| | - Purpose: Manages large datasets by allowing navigation across multiple pages without overwhelming the interface.|**  **| 5. Action Buttons | | - View/Update Button: Redirects to order detail page for viewing or editing.| | - Delete Button: Triggers a prompt to confirm deletion of the selected order.| | - Purpose: Enables control over individual orders, facilitating order tracking, updates, and management.|**   | **User Interaction Flow:** | | --- | | **- Step 1: Admin selects filters for orders by status or user ID and submits the form.** | | **- Step 2: The table updates to display only relevant orders based on the chosen filters.** | | **- Step 3: Admin navigates through pages if necessary to view more orders.** | | **- Step 4: Admin can click "View/Update" to manage a specific order, or "Delete" to remove an order.** |  | **Enhanced User Experience Features:** | | --- | | **- Clear Button for Filters: Resets all filters to quickly reload the entire order list.** | | **- Dynamic Pagination: Enables navigation between pages without reloading filters each time.** | | **- Confirmation Prompts: Ensures critical actions like deletions are intentional, minimizing accidental data loss.** |  | **Potential Improvements:** | | --- | | **- AJAX Filtering: Instantly updates the order table based on selected filters without a full page reload.** | | **- Order Search: Adding search by product or customer name could further improve filtering capabilities.** | | **- Bulk Actions: Adding a feature to select multiple orders for bulk actions like status updates or deletions.** |  | **Additional Expected Components:** | | --- | | **1. Flash Messages: Provides immediate feedback (success or error) for each completed action (e.g., successful order deletion).** | | **2. Validation: Ensures that the user input is appropriate (e.g., valid user IDs or allowed status values).** | | **3. Consistent Layout: Uses Bootstrap components to maintain uniform styling across different parts of the admin panel.** |  |  | | --- | |  | | | | | |
| Edit log (update each time you make changes to doc or file). | | | | |
| * Oliver Smith (Razda Admin) Nov 8, 2024: | | | | |