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| RAZDA Co. | | |
| **Filename: [notifications.html]** | | |
| **Summary***:*  The notifications.html file serves as the notification center for Razda Market, where users can view and manage their notifications. Each notification includes a title, message, and timestamp. Unread notifications are highlighted for visibility, and users have the option to mark them as read. This page ensures that users are informed about important updates or alerts related to their account and purchases. | | |
| ***Processes*** | | |
| * **Display User Notifications** | **Displays each notification in a list, showing its title, message, and timestamp for clarity.** | |
| * **Highlight Unread Notifications** | **Unread notifications are highlighted with a distinct style (list-group-item-info), making it easy for users to identify them.** | |
| * **Mark Notification as Read** | **Includes a "Mark as Read" button for unread notifications, which sends a POST request to mark them as read. This helps users manage and organize their notifications.** | |
| * **Handle No notification Case** | **If there are no notifications, displays a message informing the user and provides a link to the home page for further browsing.** | |
| **Files it Gets Information From:** | | **Files it Sends too:** |
| * **CSS file (styles.css)**: Provides styling for the list and buttons, ensuring the notification layout is consistent with Razda Market's design. | * **Mark as Read Route (notifications.mark\_as\_read)**: The "Mark as Read" button sends a POST request to update the notification's read status in the backend. This route should handle updating the notification record in the database. | |
| * **header.html**: Included at the top for consistent navigation and branding across the site. |  | |
| * **footer.html**: Provides footer navigation and information at the bottom of the page, ensuring consistency. |  | |
| **Expected input into file:** | | **Expected output from file:** |
| * **notifications**: A list of dictionaries or objects representing each notification, including fields such as notification\_id, title, message, timestamp, and read status. This data populates the notification list. | | * **Notifications Display**: Renders a list of notifications, clearly differentiating unread ones and allowing users to mark them as read. * **No Notifications Message**: If there are no notifications, displays a message and a button to encourage users to return to the homepage. |
| **Things that need to be taking place:** | | |
| |  | | --- | | **1. Data Loading: Ensure notifications is passed to the template, enabling accurate display of each notification’s title, message, and timestamp.** |  |  | | --- | | **2. Unread Notification Highlighting: Apply the list-group-item-info style to unread notifications, making them easily distinguishable for the user.** |  |  | | --- | | **3. Mark as Read Functionality: Verify that the notifications.mark\_as\_read route processes the POST request and updates the read status in the backend, ensuring notifications are marked correctly.** |  |  | | --- | | **4. Error Handling: Implement error handling in case the mark\_as\_read route fails, displaying an appropriate message to the user if marking as read is unsuccessful.** |  |  | | --- | | **5. Timestamp Formatting: Ensure timestamp for each notification is formatted consistently as %Y-%m-%d %H:%M:%S for clarity.** |  |  | | --- | | **6. Responsive Layout: Confirm that the list layout is responsive and readable on various screen sizes, especially on mobile devices.** |  |  | | --- | | **7. User Feedback for No Notifications: If there are no notifications, display a message and include a link to the homepage, guiding the user to continue exploring the platform.** |  |  | | --- | | **8. Security: Use CSRF protection for the "Mark as Read" form to prevent unauthorized submissions.** |  |  | | --- | |  | | | |
| Edit log (update each time you make changes to doc or file). | | |
| * Oliver Smith (Razda Admin) Nov 8, 2024: | | |