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| RAZDA Co. | | | | |
| **Filename: [home.html]** | | | | |
| **Summary***:*  Serves as the main landing page for Razda Market, welcoming users, enabling login access, displaying featured banners and products, and providing updates. It aims to offer an inviting and navigable introduction to the marketplace. | | | | |
| ***Processes*** | | | | |
| * **Welcome Section** | * **Displays a greeting and a short description of Razda Market.** | | | * **Introduces the marketplace to new visitors and provides a welcoming statement that sets the tone for the site.** |
| * **User Login Section** | * **Allows users to log in or displays a welcome message if logged in.** | | | * **Provides immediate access to login for non-authenticated users or quick links to the profile/logout options for returning users.** |
| * **Banners Section** | * **Displays promotional or featured banners.** | | | * **Highlights important promotions, discounts, or announcements through visually appealing banners.** |
| * **Featured Products Section** | * **Shows a list of featured products.** | | | * **Displays key products to draw attention to high-demand or high-value items in the marketplace, encouraging exploration and purchase.** |
| * **Latest News or Updates Section** | * **Provides a placeholder for marketplace updates or events** | | | * **Keeps users informed about recent changes, upcoming sales, or new arrivals, fostering engagement and awareness of site activities.** |
| **Files it Gets Information From:** | | | **Files it Sends too:** | |
| * user\_login: Login route for user authentication, accessed when a non-logged-in user submits the login form. | | * user\_login (POST) - Sends login data (username and password) when a user logs in, allowing server-side authentication and session management. | | |
| * user\_signup: Route to the signup page, used to guide new users who wish to create an account. | | * cart.html (GET) For users who have items in their cart, the home page may provide direct access to view the cart (linked via other pages), providing seamless continuity in the user journey. | | |
| * profile: User profile page, accessible once the user is logged in, providing a portal to manage their account information and view details. | | * Horizontalbox.html - Retrieves horizontalbox.html template for displaying featured products in a streamlined, visually appealing layout. | | |
| * logout: Logout route, allowing a user to securely end their session | |  | | |
| * horizontalbol.html: Partial template that displays horizontal product boxes in the Featured Products section, dynamically showing each featured product’s name, price, image, etc | |  | | |
| * Template Context Variables: The session variable provides user\_id and username, determining if the user is logged in and personalizing their experience. banners contains banner details like title, link, and image\_filename | |  | | |
| **Expected input into file:** | | | **Expected output from file:** | |
| * **User Session Data**: The session variable should contain user\_id and username if the user is logged in, impacting the display of the login section. * **Banner Data**: banners is expected to be a list of dictionaries, each with keys like title, link, and image\_filename. This data populates the Banners section with relevant information for each banner displayed. * **Product Information for Featured Section**: The template expects product data to be dynamically included via the horizontalbox.html template. The featured products section relies on this template to properly display products. * **Static Updates Message**: Displays a fixed message about upcoming sales/events in the Updates section; more dynamic updates may be implemented in future iterations. * **Footer Links and Header**: If these are integrated via base.html, then the file also pulls in universal navigation and footer links for easy access and consistent experience. | | | * **Dynamic Greeting for Logged-In Users**: Displays a welcome message if the session includes a user\_id, enhancing personalization. * **Login or Signup Links**: If a user is not logged in, displays links to the login and signup pages, facilitating easy access to authentication. * **Banners Section**: Displays a grid of banners with each banner linking to an external URL, with fallback messaging when no banners are available. * **Featured Products Section**: Pulls in the horizontalbox.html partial template, creating a visually organized and engaging product showcase. * **Error Messages or Success Notifications**: Displays any flash messages from the server (e.g., successful login, new updates), using alert boxes to capture the user’s attention. | |
| **Things that need to be taking place:**   | **Detailed Section Breakdown** | | --- | | **1. Welcome Section** | | **- Purpose: Provides an introductory message about Razda Market and a warm greeting for users.** | | **- Expected Outcome: Users understand the primary purpose of the marketplace and feel welcomed.** |   **| 2. User Login Section | | - Purpose: Conditional display of login options for non-authenticated users, while authenticated users see personalized greetings and quick links.| | - Expected Input: User session variables such as user\_id and username.| | - Expected Output: New users get login/sign-up options, while existing users see a tailored welcome message and access profile/logout options.|**  **| 3. Banners Section | | - Purpose: Displays banners highlighting promotions, linking users to featured deals or external resources.| | - Expected Input: banners array containing banner details (e.g., title, image\_filename, link).| | - Expected Output: Dynamically populated banners displayed in a responsive grid, linking to external resources as specified.|**  **| 4. Featured Products Section | | - Purpose: Uses horizontalbox.html to showcase key products for easy discovery.| | - Expected Input: Product data accessed via horizontalbox.html template.| | - Expected Outcome: A clean, organized presentation of featured products, encouraging user interaction and purchases.|**  **| 5. Latest Updates Section | | - Purpose: Provides a placeholder for announcements or future updates.| | - Expected Outcome: Keeps users informed about upcoming events or site enhancements.|**   | **User Interaction Flow** | | --- | | **- Step 1: User arrives on the home page, sees a welcoming introduction to Razda Market.** | | **- Step 2: If not logged in, the user may choose to log in or sign up directly from the homepage.** | | **- Step 3: User browses featured products, views banners, or checks out site updates.** | | **- Step 4: User navigates to other site areas (e.g., profile, cart) using quick links if logged in.** |  | **Enhanced User Experience Features** | | --- | | **- Add Personalization: Suggest products or content based on the user’s browsing history or past purchases.** | | **- Live Updates Section: Replace the static updates section with dynamically loaded news or blog content, improving engagement.** |  | **Potential Improvements** | | --- | | **- Dynamic Banners Management: Allow admins to dynamically add/update/remove banners, offering real-time control over promotions.** | | **- User-Specific Product Suggestions: Show tailored product recommendations to logged-in users based on their previous interactions with the site.** |  | **Accessibility Considerations** | | --- | | **- Ensure all links, forms, and content areas are accessible via keyboard navigation and compatible with screen readers.** | | **- Use alt text for images, especially in the banners section, to describe content to visually impaired users.** | | | | | |
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| Edit log (update each time you make changes to doc or file). | | | | |
| * Oliver Smith (Razda Admin) Nov 8, 2024: | | | | |