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| RAZDA Co. | | |
| **Filename: [profile.html]** | | |
| **Summary***:*  The profile.html file serves as the user profile management page for Razda Market. It provides users with a form to view and update their personal information, including first name, last name, email, phone number, and address. An optional profile picture upload field is included but commented out, allowing for future enhancements. This page facilitates easy profile management, enabling users to keep their information up to date. | | |
| ***Processes*** | | |
| * **Display User Information** | **Loads the user's current profile details (first name, last name, email, phone number, and address) into the form fields, allowing them to view and update their information.** | |
| * **Profile Update Form** | **Provides a form with input fields for each user profile attribute, enabling users to modify their information. The form is pre-filled with existing values.** | |
| * **Optional File Upload** | **The form includes a commented-out file upload input for uploading a profile picture. This can be enabled in the future to allow users to personalize their profiles further.** | |
| * **Form Submission Handling** | **Submits the form to the profile\_bp.profile route using a POST request with multipart encoding, ensuring the data is sent securely and can handle files if the upload option is activated.** | |
| **Files it Gets Information From:** | | **Files it Sends too:** |
| * **CSS file (styles.css)** (if linked): Adds styling to form fields, labels, and buttons for consistency with the Razda Market aesthetic. | * **Profile Update Route (profile\_bp.profile)**: Processes the POST request, updating the user’s information in the backend. This route should handle both text fields and file uploads if the profile picture upload option is activated. | |
| * **header.html** and **footer.html** (if included later): For consistent navigation and layout throughout the site. |  | |
| **Expected input into file:** | | **Expected output from file:** |
| * **user data**: Contains the current values for each user attribute (e.g., user.first\_name, user.last\_name, user.email, etc.) for pre-filling form fields. * **Profile Picture Upload** (optional): When enabled, this input would accept an image file to be uploaded as the user’s profile picture. | | * **Profile Management Page**: Displays a form with the user’s current information, allowing them to update each field and submit changes. * **Form Submission**: Upon submission, the updated information is processed by the backend, allowing changes to be reflected in the user profile. |
| **Things that need to be taking place:** | | |
| |  | | --- | | **1. Data Pre-loading: Ensure that user data is passed to the template, enabling each field to be pre-filled with the current profile information.** |  |  | | --- | | **2. Profile Update Handling: Verify that the profile\_bp.profile route correctly handles the submitted data, updating the user's profile information in the backend and storing any changes.** |  |  | | --- | | **3. Validation and Error Handling: Implement input validation (e.g., email format, required fields) to ensure data integrity. Display error messages if any required field is incomplete or contains invalid data.** |  |  | | --- | | **4. Profile Picture Handling: If the profile picture upload option is enabled, ensure the backend can correctly process and store image files, and verify that the accept="image/\*" filter restricts uploads to valid image formats.** |  |  | | --- | | **5. Security and Privacy: Use CSRF protection for the form to prevent malicious submissions. Ensure sensitive data such as email and phone number are securely processed.** |  |  | | --- | | **6. User Feedback: After form submission, consider redirecting users back to the profile page with a success message or displaying confirmation that their profile has been updated.** |  |  | | --- | | **7. Styling and User Experience: Ensure that the form is styled for readability and ease of use, and confirm the page’s responsiveness on different devices.** |  |  | | --- | | **8. Data Persistence: Confirm that changes made to the profile are correctly saved in the database and reflect immediately upon page reload or navigation to the profile.** |  |  | | --- | |  | | | |
| Edit log (update each time you make changes to doc or file). | | |
| * Oliver Smith (Razda Admin) Nov 8, 2024: | | |