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| **Name** | Edit Profile | |
| **Summary** | User edits and updates their Profile information | |
| **Priority** | 3 | |
| **Pre-Condition** | User is logged into the system and go to profile to edit. | |
| **Post-condition** | User’s profile information is successfully updated in the system. | |
| **Primary Actor** | Register User | |
| **Main Scenario** | **Step** | **Action** |
|  | **1.** | User logs into the website and navigates to the profile settings page. |
| **2.** | System displays the current profile information |
| **3.** | User clicks the "Edit Profile" button. |
| **4.** | User updates their personal details (e.g., name, email, phone number, address, date of birth, gender). |
| **6.** | If User want to update their profile picture. uploads a new profile picture by selecting a file from their device. |
| **7.** | If user wants to change their password, the system requires the current password to verify identity |
| **8.** | System prompts for re-authentication if a sensitive change is made (e.g., changing the email or password). |
| **9.** | User clicks the "Save Changes" button. |
| **10.** | System validates the updated profile information. (e.g.🡪checking if the email is valid, ensuring new password meets security criteria). |
| **11.** | IF user want to delete Account Click “DELETE” Button. |
| **12.** | System saves the updated information in the database. |
| **13.** | System confirms that all changes are valid and sends a notification to the user's email or phone, confirming the profile update. |
| **14.** | System displays a success message, confirming that the profile has been successfully updated. |
| **15.** | User may log out and log back in to see the updated information reflected throughout the system (optional). |
| **Extension** | **Step** | Branching Actions |
|  | **1.a** | **Invalid login credentials.** |
|  | **6.a** | **Invalid Image Format**: If the uploaded profile picture is in an unsupported format (e.g., not JPEG/PNG), the system displays an error message and asks the user to upload a valid format |
| **6.b** | **Image Size Too Large**: If the uploaded profile picture exceeds the file size limit (e.g., 5MB), the system displays an error message and suggests uploading a smaller image. |
| **7.a** | Incorrect Current Password: If the user enters the wrong current password while changing their password, the system displays an error and prompts the user to try again. |
| **8.a** | **Authentication Failure**: If the user fails to complete two-factor authentication |
| **9.a** | If any mandatory fields are left blank (e.g., name, email), the system highlights the empty fields and prompts the user to fill them in before proceeding. |
| **9.b** | If the email format is invalid, the system displays an error message asking the user to enter a valid email address. |
| **10.a** | **Validation Error**: If the system detects any invalid data |
| **12.a** | **Notification Not Received**: If the user does not receive the confirmation email or SMS, the system provides an option to resend the notification. |
| **13.a** | If the profile update was unsuccessful due to server or database issues, the system displays an error message and provides a support link for assistance. |
| **13.b** | If the update was successful but the user cannot see the updated information immediately, the system may require the user to refresh the page. |
| **14.a** | **Session Timeout**: If the user takes too long to make changes (e.g., session timeout), the system logs the user out and redirects them to the login page without saving the changes. |