MyYellowBook

Page Title: Sign Up – MyYellowBook

Overview

The "Sign Up" page is the entry point for new users to create an account with MyYellowBook. This page allows users to register by providing their personal details and setting up their login credentials.

Page Layout

- The page presents a card centered on a yellow background that contains the sign-up form.
- The MyYellowBook logo is displayed at the top of the page.

Sign-Up Form Fields

- **First Name**: Text field for the user's given name which is required.
- **Last Name**: Text field for the user's family name or surname which is not required.

- **Email**: Text field for the user's email address. This will be used for account verification and communication. This field is required.
- **Password**: Password field for creating a secure password. The password must meet the security requirements set by MyYellowBook.
  - Length must be a minimum of 8 characters.
  - Password must contain at least one upper case letter.
  - Password must contain at least one special character.
- **Confirm Password**: Password field for confirming the user's password. This must match the password entered in the previous field and is also required.

Actions
- **Sign Up Button**: After filling out the form, users click this button to create their new account. The system will validate the entered details and proceed to create the account if all criteria are met. After creating the account in the database, the user is marked as not verified and an email containing the verification link is sent to the user's email address.

Navigation Links
- **Log In Link**: If a user already has an account, they can click the "Click here to log in" link to be redirected to the login page.

Additional Information
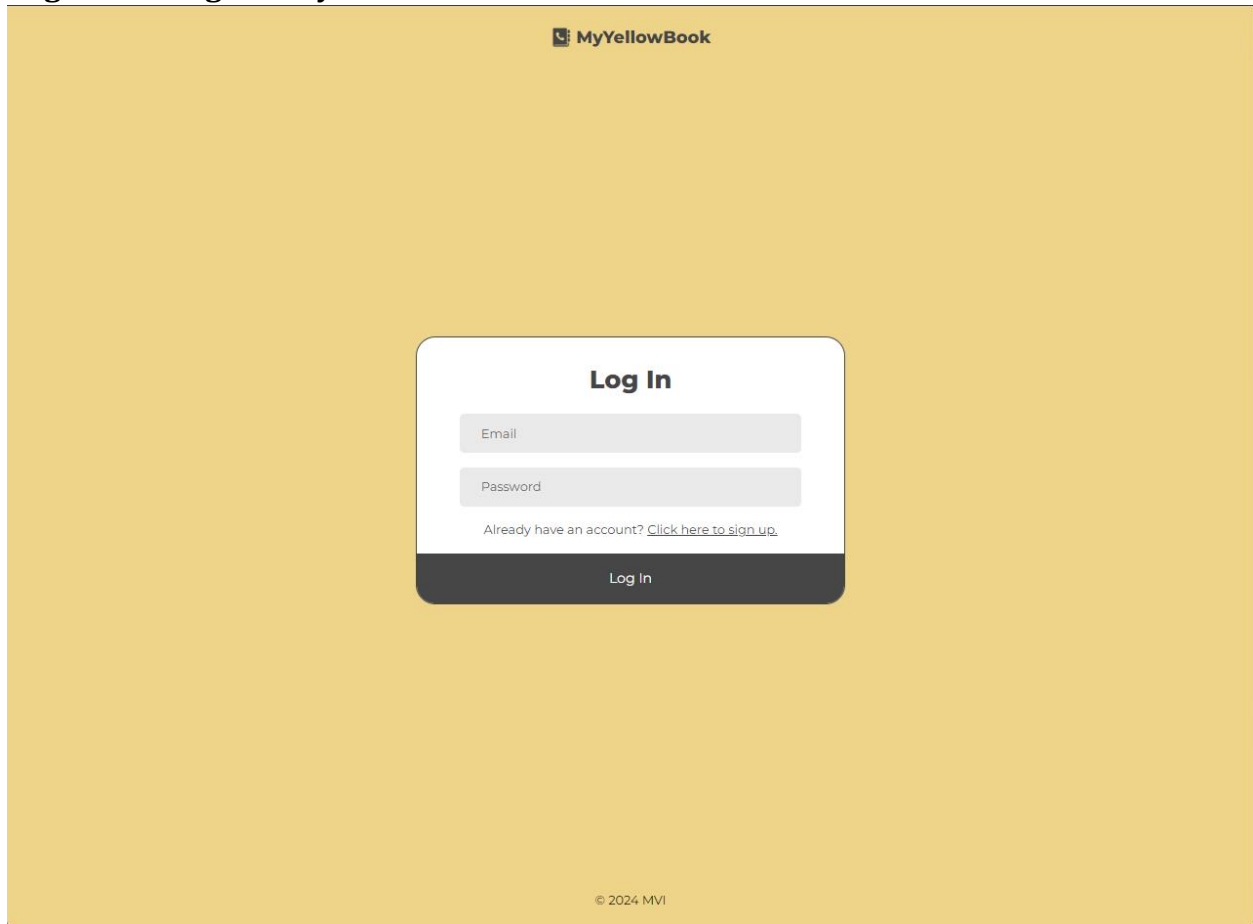- The page footer contains the copyright notice, "© 2024 MVI", indicating the copyright year and the owner of the site.

Validation and Error Handling
- If a user attempts to submit the form with invalid or incomplete information, the system will display appropriate error messages.
- Error messages should be clear and instructive, guiding the user to correct specific issues.

Security
- Passwords are encrypted when stored in the MyYellowBook database via BCryptPasswordEncoder.

Page Title: Log In – MyYellowBook

Overview

The "Log In" page serves as the gateway for returning users to access their MyYellowBook accounts. It provides a secure form for users to enter their credentials and gain access to the application.

Page Layout
- The page features a centered card on a yellow background that contains the login form.
- The MyYellowBook logo is displayed prominently at the top of the page.

Log In Form Fields
- **Email**: A text field for the user to enter their registered email address.
- **Password**: A password field for the user to enter their password.

Actions
- **Log In Button**: Users click this button after entering their credentials to access their account. The system verifies the credentials, and if they are correct, as well as if their account is verified or not, the user is granted access to their account if they have verified their account via an email containing a verification link which they receive upon signing up.

Navigation Links
- **Sign Up Link**: If a user does not have an account or has navigated to this page by mistake, they can click the "Click here to sign up" link to be redirected to the sign-up page.

Additional Information
- The page footer includes a copyright notice, "© 2024 MVI", which signifies the copyright year and the ownership of the website.

Accessibility
- The login form is accessible, ensuring users can navigate the form using keyboard shortcuts and that it is readable by screen readers.

Validation and Error Handling
- Should the user enter an incorrect email or password, or if they haven't verified their account the system will display an error message, which should be clear and direct to help the user understand the login issue.

Page Title: Contacts Dashboard – MyYellowBook
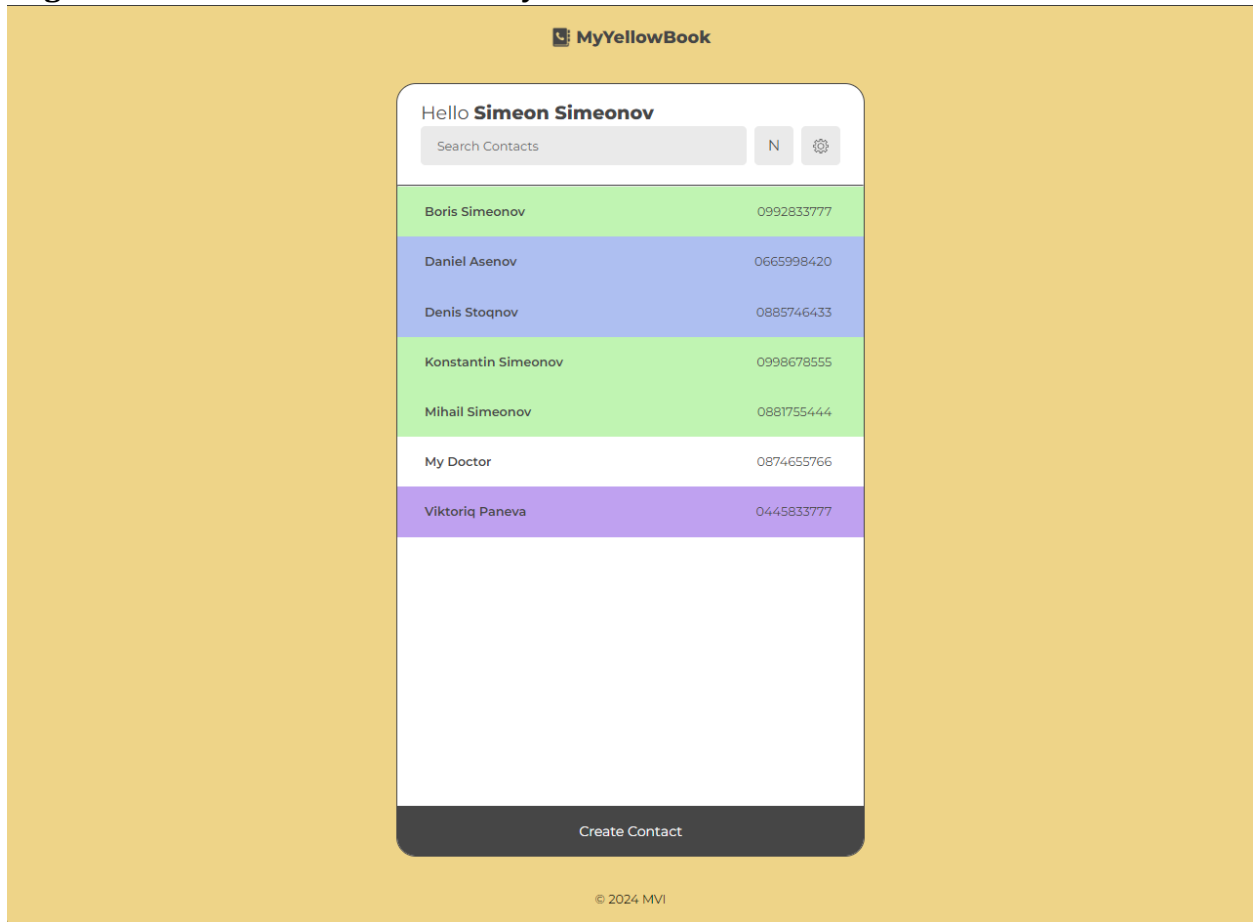
Overview

The Contact's Dashboard is the central hub for users to manage their contacts within MyYellowBook. It displays a personalized greeting, a list of contacts, and tools for organizing and searching through the contact list.

Page Layout
- The page features a header with the MyYellowBook logo.
- Below the logo, the user is greeted with "Hello [User's Name]" to provide a personalized experience.
- A search bar is available for filtering contacts by name.
- An interactive button toggled between 'N' and 'L' allows users to sort contacts by name or label, respectively.

Sorting Functionality
- **Name Sort (N)**:
  - When the 'N' button is visible, contacts are sorted alphabetically by their name.
  - Clicking on the 'N' button will switch the sorting to Label mode and change the button to 'L'.

- **Label Sort (L)**:
  - With 'L' visible, contacts are first sorted alphabetically by their label names, with labeled contacts grouped together.
  - Unlabeled contacts follow the labeled ones and are sorted alphabetically by name.
  - Clicking on the 'L' button will revert to Name sort mode and change the button back to 'N'.

Contact List
- Each contact is listed with their name and phone number.
- Contacts are color-coded to correspond with their label, providing a visual grouping.

Actions
- **Create Contact Button**: This prominent button at the bottom of the list allows users to add new contacts to their MyYellowBook.
- **Search Functionality**: Users can search for contacts by typing into the search bar, which filters the contact list in real-time.

Additional Features
- **Settings Gear Icon**: Located next to the search bar, this icon serves as an access point to additional settings and account management features.
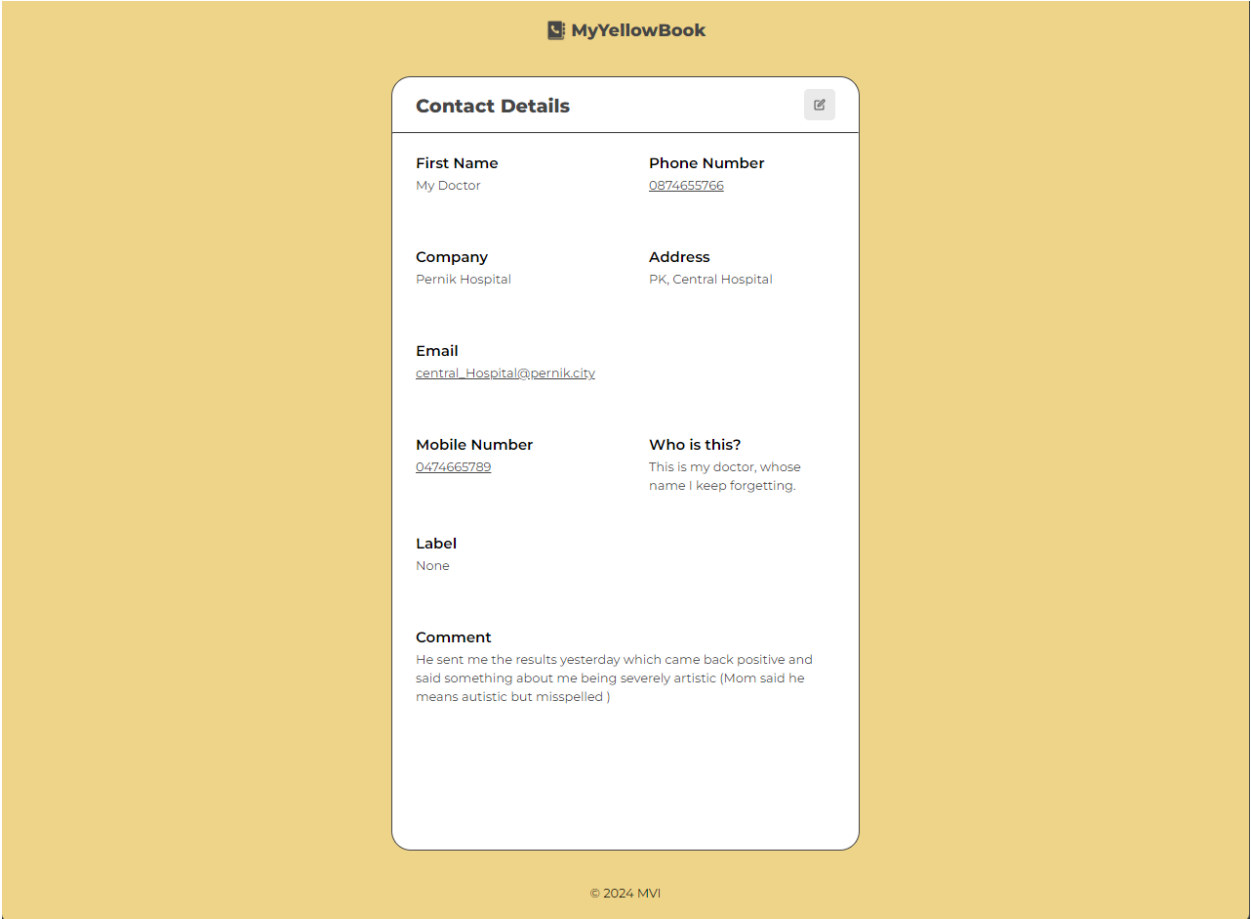
Accessibility
- The dashboard is designed to be navigable via keyboard and readable by screen readers.
- Color contrast and font sizes are set to be easily readable for all users.

User Interaction
- Users can interact with each contact entry to view more details and edit contact information.

Page Title: Contact Information Overview - MyYellowBook

Overview

The "Contact Information Overview" page presents detailed information about a specific contact within the MyYellowBook application. This page is designed to provide a comprehensive view of a contact's stored details, including personal information, communication methods, categorization labels, and additional notes.

Page Layout
- The MyYellowBook logo is positioned at the top of the page.
- The title "Contact Details" is clearly displayed, followed by an edit icon, indicating that the information can be modified.
- Contact information is organized into a two-column layout for clarity and ease of reading.

Displayed Contact Information
- **First Name**: The chosen name or descriptor for the contact, which can be a formal name or a casual identifier like "My Doctor."
- **Phone Number**: The primary contact number.
- **Company**: The name of the company or institution associated with the contact, e.g., "Pernik Hospital."

- **Address**: The physical address, if applicable.
- **Email**: The contact's email address.
- **Mobile Number**: An additional mobile phone number.
- **Label**: A categorization tool used for organizing contacts, which is currently unset for this contact.
- **Comments**: This section is used to add any pertinent information or personal notes regarding the contact.
- **Custom Field**: An additional field which the user configures. Serves as a personalized reminder or description to aid in remembering the contact.

Page Title: Edit Contact – MyYellowBook

Overview

The "Edit Contact" screen allows users to modify the details of an existing contact within MyYellowBook. Users can change contact information, manage labels, and add custom fields to their contact's information.

Page Layout
- The page displays the MyYellowBook logo at the top, followed by the "Edit Contact" heading.
- A form is presented containing various fields for the contact's details.
- At the bottom of the form, there is a "Save Changes" button to submit modifications.

Editable Fields
- **First Name**: Allows editing of the contact's first name.
- **Last Name**: Allows editing of the contact's last name.
- **Phone Number**: Primary phone number of the contact. This field is required.
- **Company**: The contact's associated company name.
- **Address**: The physical address of the contact.
- **Email**: The contact's email address.
- **Fax**: Fax number for the contact.
- **Mobile Number**: The contact's mobile phone number.

Additional Actions
- **Add Field**: Users can add custom fields to a contact's information by entering a field name and clicking the "Add Field" button.
- **Labels**: Users can assign predefined labels to a contact from a dropdown menu. If no labels have been created, a message will be displayed instead notifying the user that there are no available labels.
- **Comment**: A text area for adding any additional notes or comments regarding the contact.

Custom Fields
- **Custom Field Entry**: When a custom field is added, it will appear with a text box for the content and an 'X' button to remove the field if necessary.

Label Management
- The "Labels" dropdown allows users to assign or change labels associated with the contact. Labels can be used for categorizing and filtering contacts.
- If no labels exist, users are informed via a text message.

Saving and Validation
- **Save Changes Button**: Submits the updated contact information. The system will validate the input before saving the changes.
- Validation checks ensure that the essential field "Phone Number" is filled out correctly.

Page Title: Settings – MyYellowBook
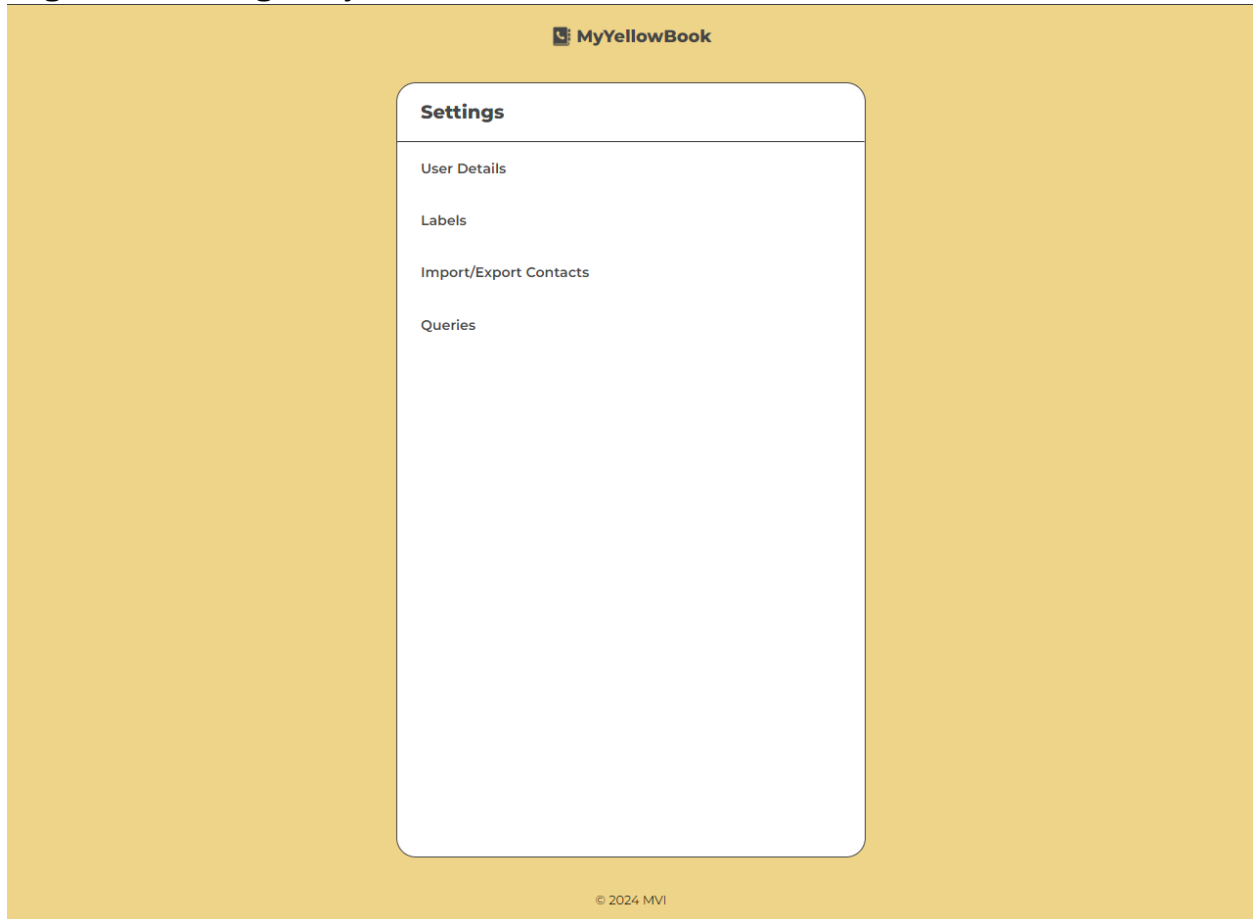
Overview

The "Settings" page in MyYellowBook provides users with a centralized location to manage their account and contact preferences. This page contains multiple sections, each dedicated to a specific aspect of account customization and data management.
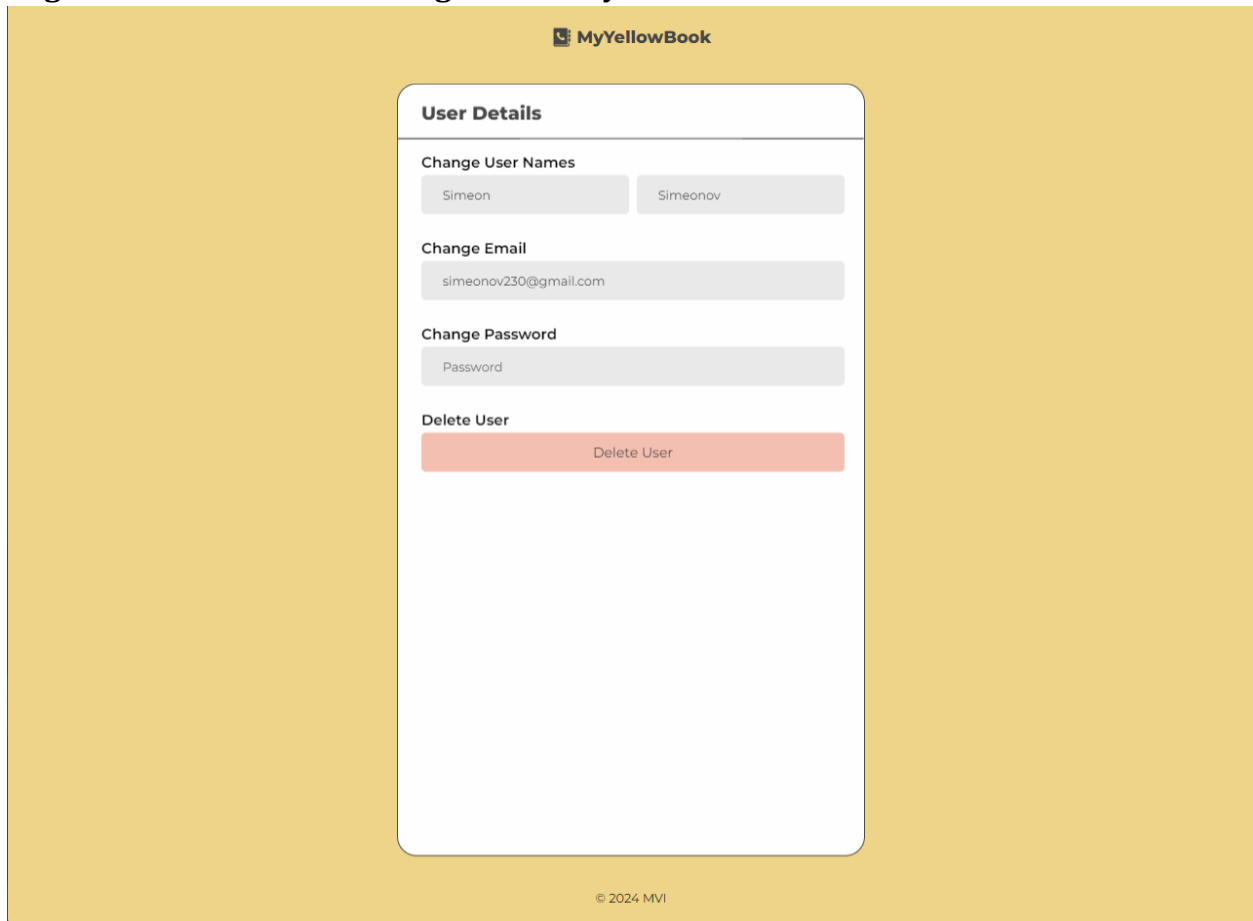
Page Layout
- The page displays the MyYellowBook logo at the top, followed by the "Settings" heading.
- Below the heading, there is a list of setting categories that users can select to access different options.

Settings Categories
- **User Details**:

- o This section allows users to view and edit their personal information associated with their MyYellowBook account.
  - o Users can update details such as their first and last name, password, and email.
- **Labels**:
  - o Users can manage the labels used to categorize and sort contacts.
  - o This includes creating new labels, editing existing ones, or deleting them.
- **Import/Export Contacts**:
  - o This function provides users with the tools to import contacts from other services or export their MyYellowBook contacts for backup.
- **Queries**:
  - o Users can access search operations within MyYellowBook.
  - o This may also include a feature to save frequent searches or create complex query filters for future use.

Page Title: User Details Management – MyYellowBook

Overview
The "User Details Management" section of MyYellowBook allows users to update their personal account information, including their name, email, password, and provides an option to delete the user account.

Page Layout
- The top of the page displays the MyYellowBook logo, emphasizing the application's branding.
- The main section is titled "User Details," clearly indicating the purpose of this page.
- Fields for updating user information and account actions are presented.

Updating Account Information
- **Change Usernames**:
    o Fields are provided for the user to update their first and last names.
    o New names must be entered that are different from the current usernames to proceed with the change.
- **Change Email**:

- Users can update their email address. Upon submission, a verification link is sent to the current email address to confirm the change.
- It is crucial to access the verification link to complete the email update process for security purposes.
- **Change Password**:
  - A field is provided for users to enter a new password.
  - The new password is confirmed and updated upon submission.
  - Unlike the email change process, password change does not require email verification. It is advised that users choose a strong, unique password for security.

Account Deletion

- **Delete User**:
  - A prominently displayed "Delete User" button allows users to remove their account from MyYellowBook.
  - This action should have a confirmation step to prevent accidental deletion, and users should be aware that this process is irreversible and will result in the loss of all data associated with their account.

Page Title: Manage Labels – MyYellowBook
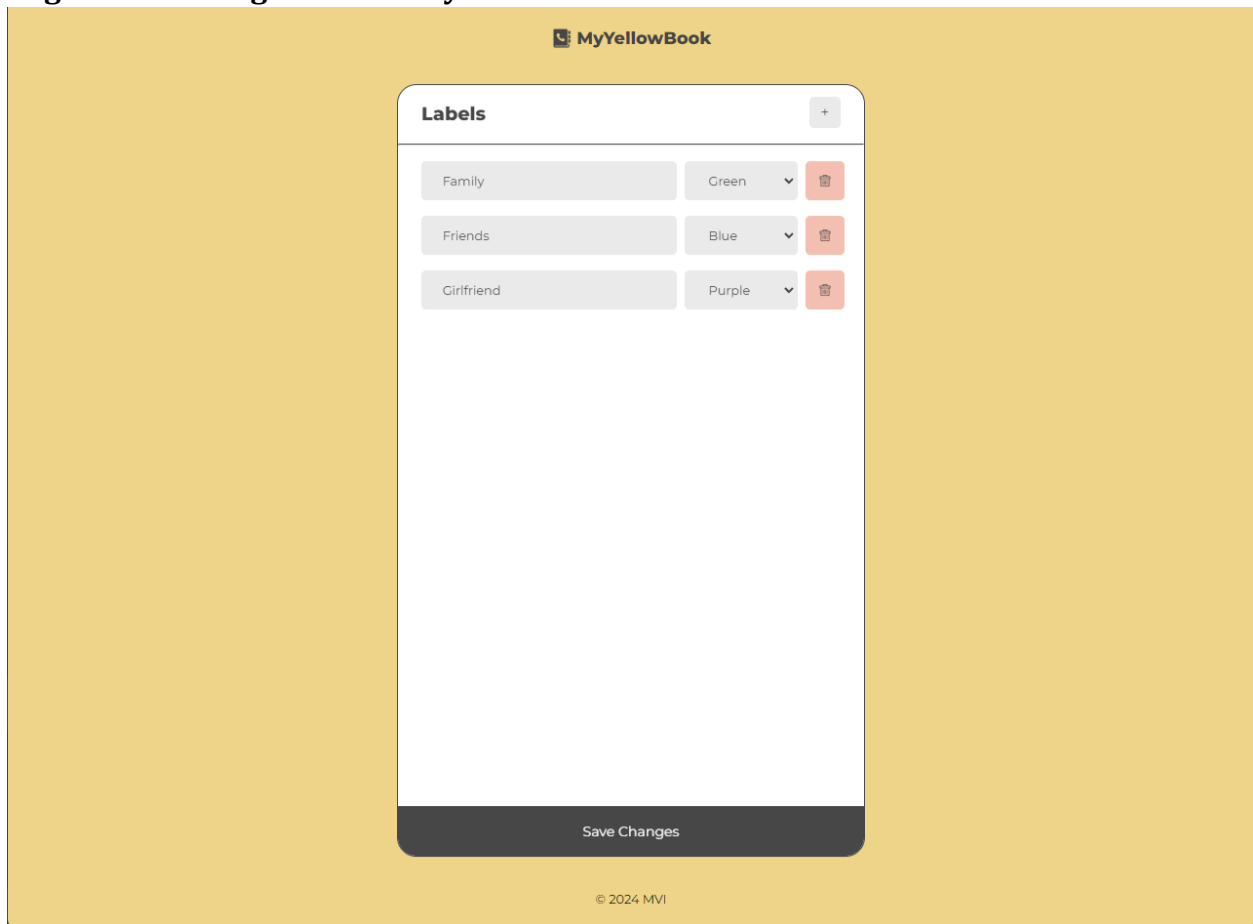
Overview

The "Manage Labels" page in MyYellowBook allows users to customize how they categorize their contacts. This feature gives the ability to create, edit, and delete labels, as well as assign colors for visual identification.

Page Layout
- The page features the MyYellowBook logo at the top and the title "Labels" clearly displayed.
- A plus icon (+) is situated near the title, indicating the option to create a new label.
- Below, there is a list of existing labels with options for editing their names and colors.
- Each label entry has a dropdown menu to select a color and a trash bin icon to delete the label.
- A "Save Changes" button is provided at the bottom of the page to apply any modifications.

Label Customization
- **Creating a Label**:
  - Click the plus icon (+) to create a new label.

- Enter the name for the new label and choose a color from the dropdown menu.
- **Editing a Label**:
  - To change a label's name, click into the text field containing the label's name and edit it.
  - To change a label's color, use the dropdown menu to select a new color.
- **Deleting a Label**:
  - Click the trash icon next to a label to remove it.
  - A confirmation prompt should appear to prevent accidental deletion.
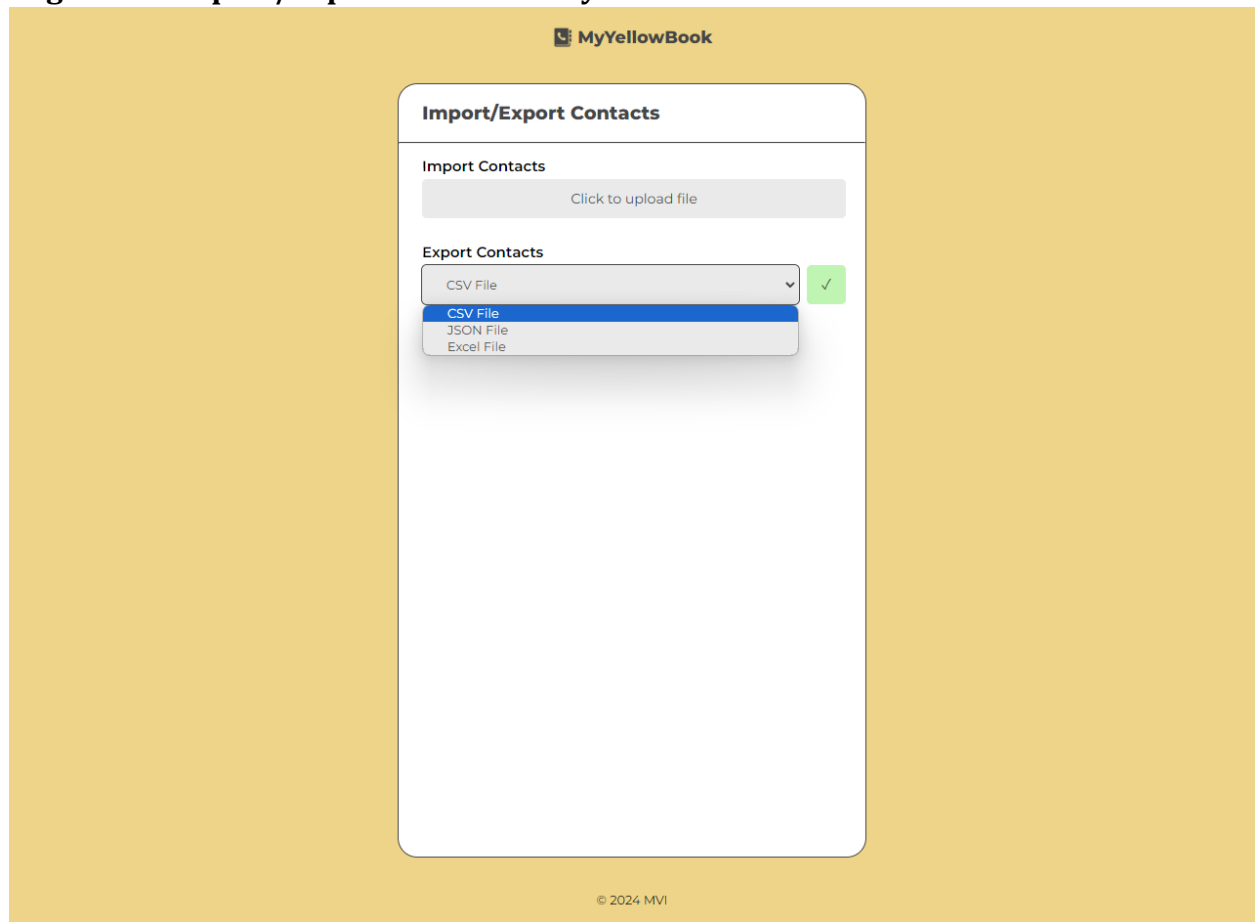
Colors for Labels
- Each label can be assigned a color, making it easier to visually distinguish between different categories of contacts.

Saving Changes
- After making changes to the labels, users must click "Save Changes" to apply for the updates.

Page Title: Import/Export Contacts – MyYellowBook

Overview
The "Import/Export Contacts" feature in MyYellowBook provides users with the ability to transfer their contact data in and out of the application. This page allows for the importation of contact information from various file formats and the exportation of contact data into a user's preferred format.

Page Layout
- The MyYellowBook logo is positioned at the top of the page, followed by the title "Import/Export Contacts."
- The page is divided into two main sections: "Import Contacts" and "Export Contacts."

Import Contacts
- **Upload Interface**: A clickable area is provided for users to upload a file containing contact data.
- Users can import contacts by selecting a file from their device. Acceptable file formats may include CSV, JSON, and Excel files.

Export Contacts

- **File Format Selection**: A dropdown menu allows users to select the desired file format for exporting contacts. The options include:
  - ○ CSV File
  - ○ JSON File
  - ○ Excel File
- **Export Action**: A confirmation or 'check' button is available to initiate the export process once the file format is selected.

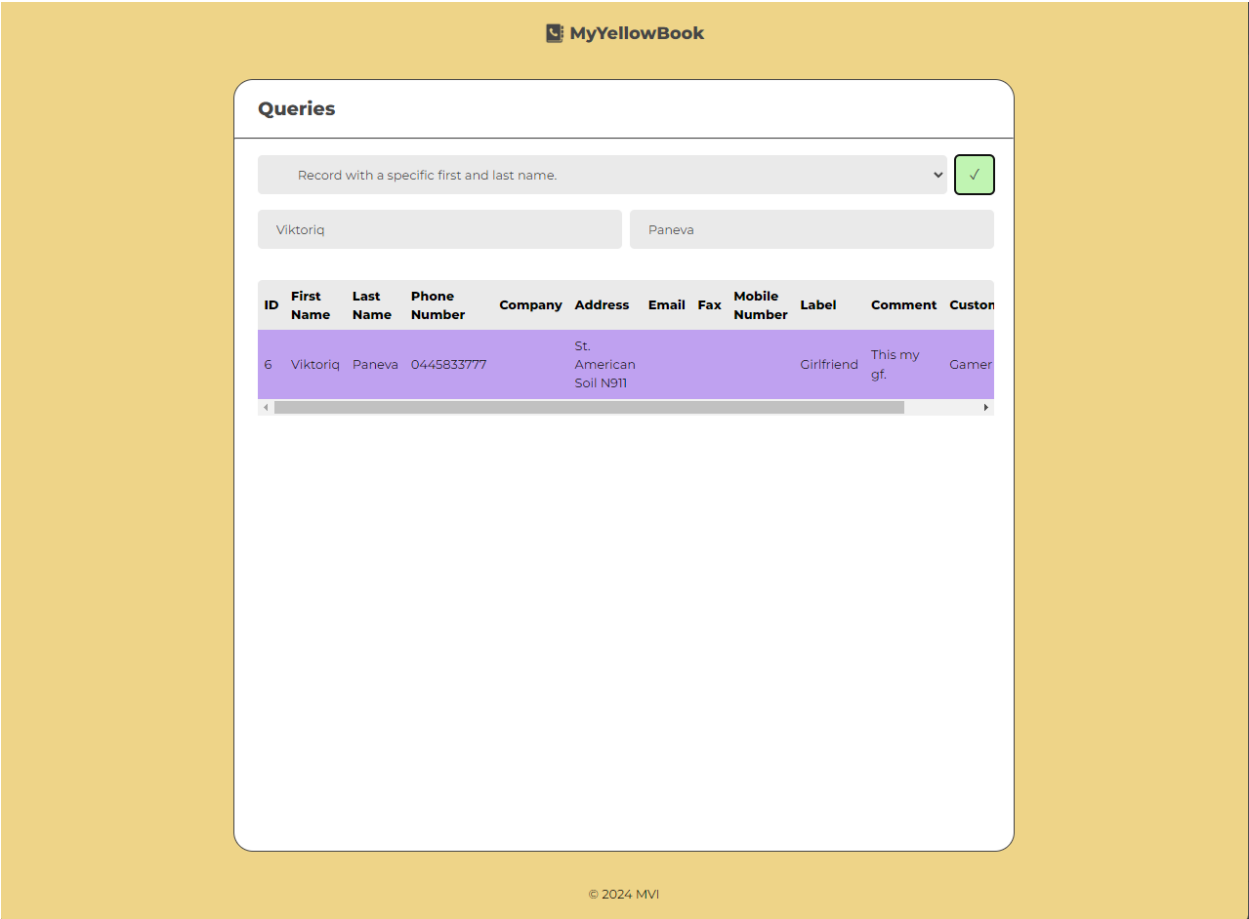**Page Title: Advanced Query Functionality – MyYellowBook**

Overview

The "Queries" feature in MyYellowBook provides users with advanced options for searching through their contact records based on specific criteria. This functionality is designed to enable efficient data retrieval and management within the application.

Page Layout
- The MyYellowBook logo is displayed at the top, with the "Queries" title below it, indicating the page's purpose.
- The page is organized with dropdown menus for selecting query types and input fields for specifying query parameters.
- A checkmark button is used to execute the selected query.

Query Types and Functionality
- **Records with the Most Common Labels**:
  - This query option allows users to find all contact records grouped by the most commonly assigned labels.
- **All Records with the Same First Name**:
  - Users can retrieve all contacts sharing the same first name by entering the name in the provided input field.
- **All Records with the Same Last Name**:

- o This option enables users to search for all contacts with the same last name, using the last name entered in the input field.
- **All Records with Different First Names and the Same Last Name**:
  - o Users can search for contacts that have different first names but share a last name.
- **Record with a Specific First and Last Name**:
  - o This search allows for the retrieval of contact records that match the exact first and last name entered in the respective input fields.

Using the Query Function
- Users select the desired query type from the dropdown menu.
- Depending on the query type, the user will be prompted to enter the necessary information, such as a first name, last name, or label.
- After setting the parameters, the user clicks the checkmark button to execute the query.
- The results are then displayed according to the specified criteria.