

Screen specification – PRO AIMS

1. Standardizing the screen configuration

Display

- Number of colors supported: 16,777,216 colors
- Resolution: 1200 × 675 pixels

Screen

- Location of standard buttons: At the bottom (vertically) and in the middle (horizontally) of the frame
- Location of the messages: Starting from the top vertically and in the middle horizontally of the frame down to the bottom.
- Display of the screen title: The title is located at the top of the frame in the middle.
- Consistency in expression of alphanumeric numbers: dot for separator of thousand while strings only consist of characters, digits, commas, dots, spaces, underscores, and hyphen symbol.

Control

- Size of the text: medium size (mostly 24px). Font: Arial, Helvetica. Color: #000000
- Input check process: Should check if it is empty or not. Next, check if the input is in the correct format or not
- Sequence of moving the focus: There will be no stack frames. Each screen will be separated. However, the manual is considered a popup message, as the main screen cannot be operated while the manual screen is shown. After the opening screen, the app will start with splash screen, and then the first screen (home screen) will appear.
- Sequences of the system screens:
 1. Login screen
 2. Sign up screen

Direct input from the keyboard

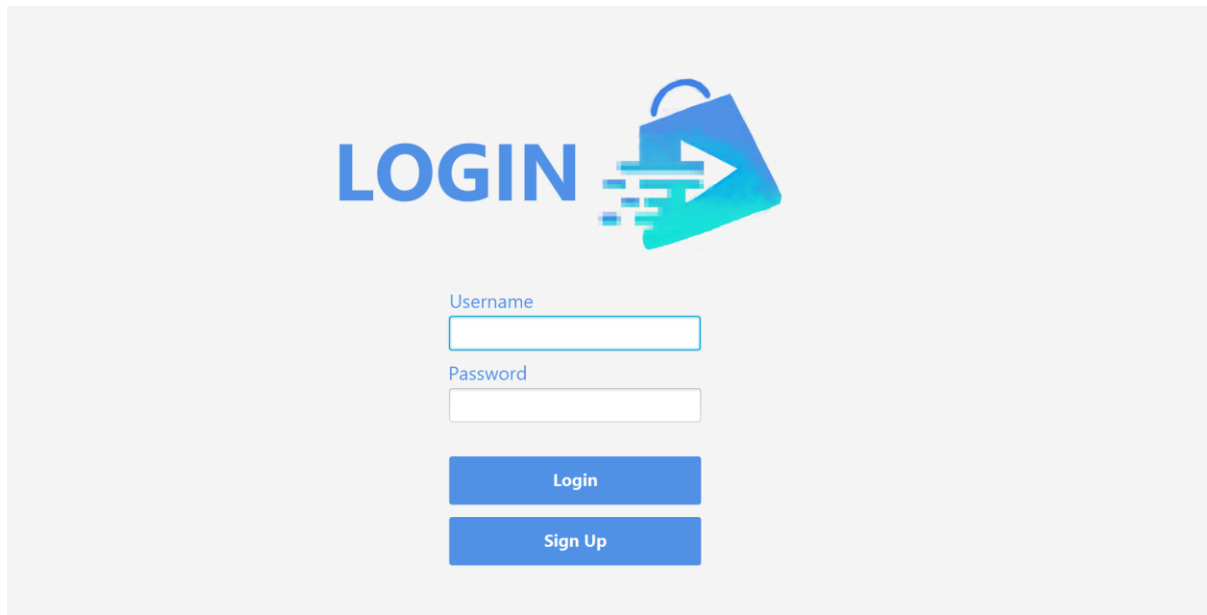
There will be no shortcuts. There are back buttons to move back to the previous screen. Also, there is the close button “X” located at the title bar to the right to close the screen.

Error

A message will be given to notify the users what is the problem.

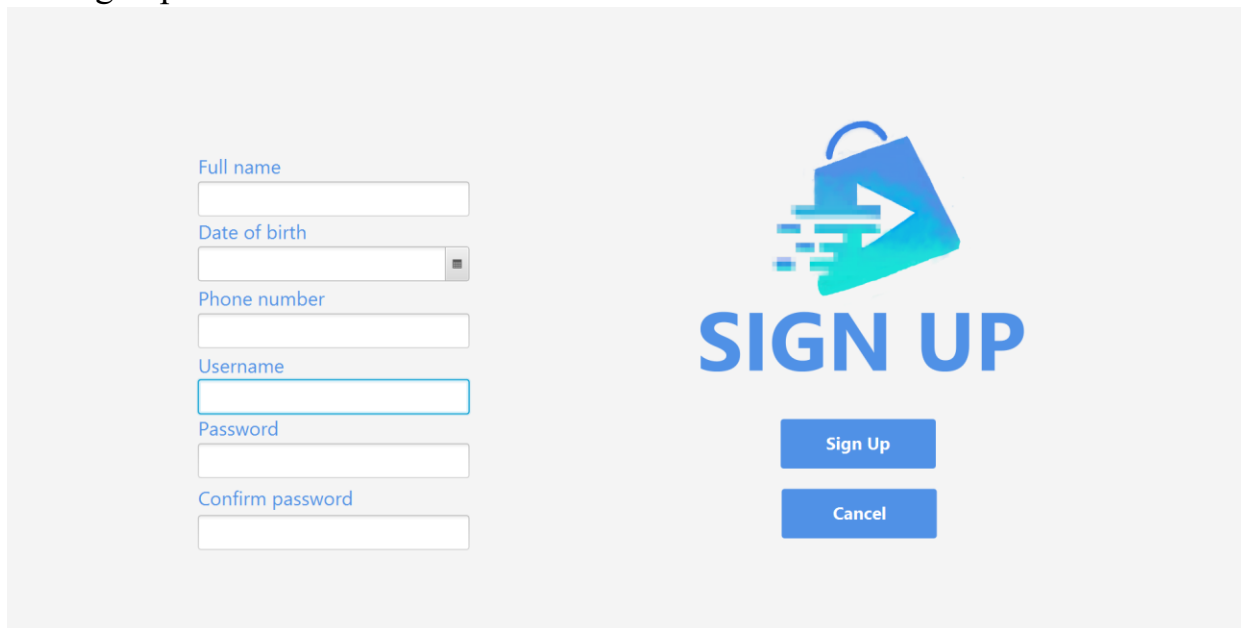
2. Creating screen images

- Login screen:



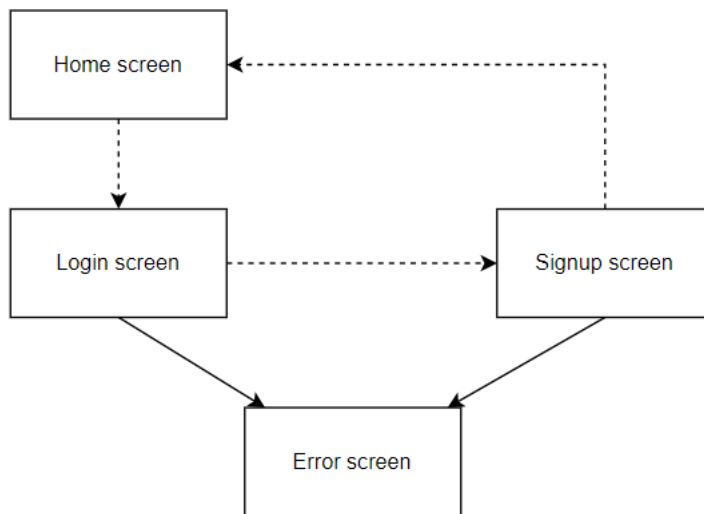
The login screen features a light gray background. At the top center, the word "LOGIN" is displayed in a large, bold, blue sans-serif font. To its right is a stylized blue and teal icon of a shopping bag with a white arrow pointing right, accompanied by a trail of small blue squares. Below the title, there are two white input fields with thin blue borders. The first is labeled "Username" in a small blue font, and the second is labeled "Password" in the same font. Below these fields are two blue rectangular buttons with white text. The top button is labeled "Login" and the bottom button is labeled "Sign Up".

- Sign up screen:

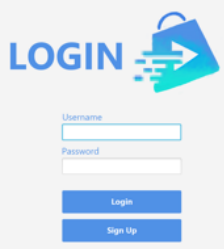


The sign up screen has a light gray background. On the left side, there are five white input fields with thin blue borders, each preceded by a label in a small blue font: "Full name", "Date of birth", "Phone number", "Username", and "Password". Below the "Password" field is another white input field labeled "Confirm password" in a small blue font. On the right side, the words "SIGN UP" are displayed in a large, bold, blue sans-serif font. Above this text is the same stylized blue and teal shopping bag icon with a white arrow and a trail of small blue squares. Below the "SIGN UP" text are two blue rectangular buttons with white text: "Sign Up" on top and "Cancel" on the bottom.


3. Creating a screen transition diagram



4. Creating screen specification

| | | | | | |
|---|---------------|--|-------------|-------------------------------------|------------------|
| AIMS Software | | Date of creation | Approved by | Reviewed by | Person in charge |
| Screen specification | Log in screen | | | | |
|  | | Control | Operation | Function | |
| | | Area for displaying log in information | Initial | Display the login form | |
| | | Login button | Click | Confirm log in, display home screen | |
| | | Sign up button | Click | Display the sign up screen | |

| | | | | |
|-------------|--------------------------|------|-----------------|----------------|
| Screen name | Login screen | | | |
| Item name | Number of digits (bytes) | Type | Field attribute | Remarks |
| Username | 50 | Text | Black | Left-justified |
| Password | 50 | Text | Black | Left-justified |

| | | | | | |
|---|----------------|---|-------------|--------------------------------------|-------------------|
| AIMS Software | | Date of creation | Approved by | Reviewed by | Persion in charge |
| Screen specification | Sign up screen | | | | |
|  | | Control | Operation | Function | |
| | | Area for displaying sign up information | Initital | Display the sing up form | |
| | | Sign up button | Click | Confirm sign up, display home screen | |
| | | Cancel button | Click | Display login screen | |

| Screen name | Sign up screen | | | |
|------------------|--------------------------|---------|-----------------|----------------|
| Item name | Number of digits (bytes) | Type | Field attribute | Remarks |
| Full name | 30 | Text | Black | Left-justified |
| Date of birth | 30 | Date | Black | Left-justified |
| Phone number | 12 | Numeral | Black | Left-justified |
| Username | 20 | Text | Black | Left-justified |
| Password | 20 | Text | Black | Left-justified |
| Confirm password | 20 | Text | Black | Left-justified |