

Criterion B: Design

Wireframes

These initial wireframes were shown to both my client and advisor to design the layout. After more consultations with them (Appendix B), designs were cut in the final website. The following changes were made:

- The Sign Up and Settings Page were removed because there will only be one user for the web application. If more users accessed the deployed web application, the results could slow down my client's experience.
- The Filter button was removed because my client says he does want or need it.
- The cards, programs, persons, and reward types were separated into separate tables to better organize the information.
- The active and archived cards table was merged together because my client says he does not need it and his current system has the two merged.

Computer Wireframe

Sign Up

Enter username

Enter password

Confirm password

Password does not match

Sign Up

Already have an account? Login

Login

Enter username

Enter password

Username does not match password

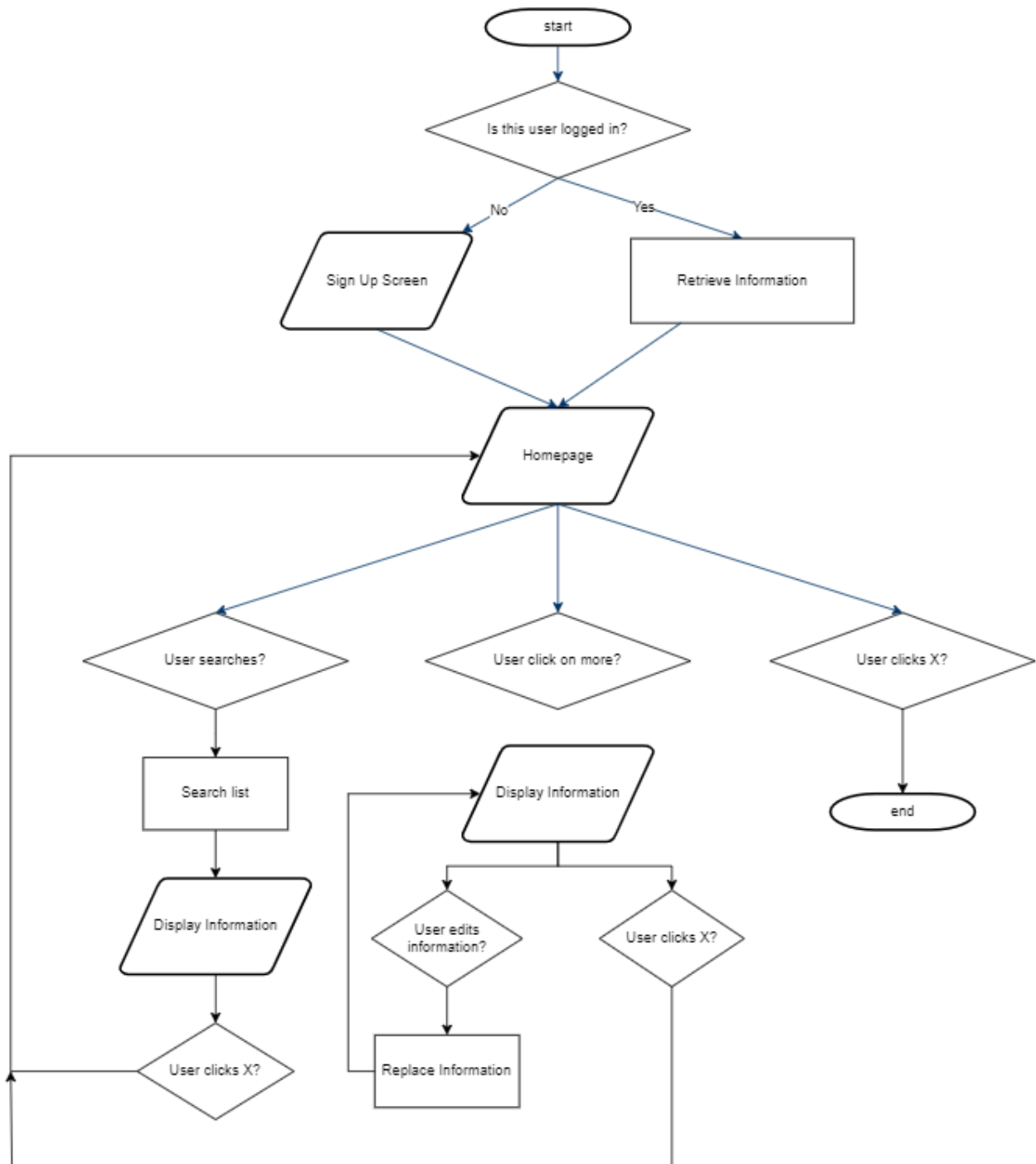
Login

Don't have an account? Sign Up

Mobile App Wireframe

System Flowchart

Likewise, after some consultations (Appendix B), the system does not flow in a way that includes the sign-up screen and also includes the same functionality below across the programs, people, and types tables.



Test Plan

Test Description	Action	Expected Result
The web application should be secure and protected from users other than the client.	Type “/Home” into the URL.	The user is redirected back to the Login Page.
The web application is viewed on a mobile device and desktop screen.	Change the page so that its height-width ratio matches that of a standard computer and mobile phone.	The display is responsive and adjusts itself to be proportionate to the screen.
The user can navigate to view all cards, programs, and reward types.	Navigate to view each table.	All cards, programs, people, and reward types are viewed.
The user can add a card, program, person, and reward type.	Add each element to each table.	The element should display correctly and have all correct attributes in the Edit popup.
The user can edit a card, program, person, and reward type.	Edit an element from each table.	The element should display the updated information in the table and the Edit popup.
The user can easily edit the points attribute on the card.	Add and subtract points from a card.	The Points should reflect the amount added and subtracted after entering.
The user can search for the name of a card, program, person, and reward type.	Search for a name of a specific card, program, person, and reward type.	Each table displays an accurate query of elements that fit the name of the search.
The user can delete a card, program, person, and reward type.	Delete an element from each table.	The respective elements are not displayed in each of the tables.

Word Count: 437