Polling System

Guide (C)

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User Guide (Polling Officer)

The purpose of this guide is to teach Polling Officers (admins) the functionality of the polling system. Their responsibilities include editing user information (username and password) and calculating the final voting results.

Display user Votes

From the main menu, select admin panel.

Enter the provided username and password for admin users (user: TestAdmin, password: 123).

Select the first option to calculate the vote amounts and see the winner.

Press the third option to return to the main menu.

Updating User Info

In the admin panel, select the second option to enter the edit user info panel.

A list of the valid voters will be shown.

Select the number that is related to the contestant that you want to edit the information of.

From this menu you can choose which aspect of the user that you would like to edit. You can choose either username or password.

(USERNAME AND PASSWORD MUST BE ONE WORD)

You will now be given the option to input a string. Whatever you enter will be the new username of the contestant. This also applies to changing the user's password.
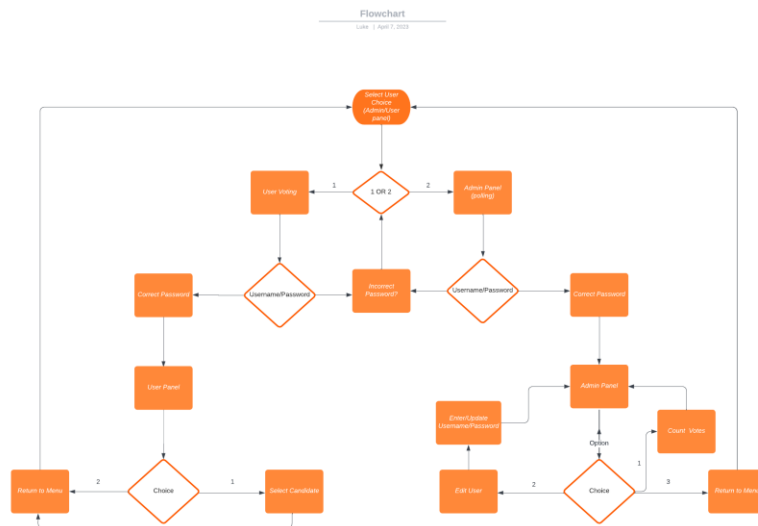
Returning to Menu

Select option 3 in the admin menu to return to the main menu.

Issues

The user information must be a single line with no spaces. To fix this issue, use an underscore in place of the space.

Flowchart

Test Scenario for User and Admin

- Launch application.
- You are presented with a menu in which you can select what panel to visit.

User

- Select option 1 to enter the user voting panel.
- Enter the username/password of a user (test scenario: BobbyHill, 123)
- From the user profile, you now have a choice to cast your vote, as well as go back to the main menu.
- Select "Cast Vote" to bring up a menu showing the candidates. Select one to vote for by entering a number.
- After casting your vote, you will be returned to the main menu.

Polling Officer

- Select option 2 to enter the polling officer panel.
- Enter the username/password of an Admin (test scenario: TestAdmin, 123)
- From the admin menu, the polling officer can count votes, edit user info, and return to the main menu.
- Select 1 to show voting.
- You will now see a display of the candidates and the winner.
- Select 2 to edit user information.
- Select the test user from the list by inputting the number next to their name.
- You can now select either edit username or password.
- Select 1 and enter a new username (HankHill). You will then be taken back to the admin menu. Go through the steps again, except change the password (12345).
- Select 3 to go back to the main program window.

User (Again)

- Select 1 to go back to the user login.
- Enter the new username and password you created in previous steps (HankHill, 12345)
- You have now logged in with the updated username and password. You can see it updated at the top of the display.

- Press 1 to cast vote and select a choice. It will give you an error because this user has already cast a vote. You will then be logged out.