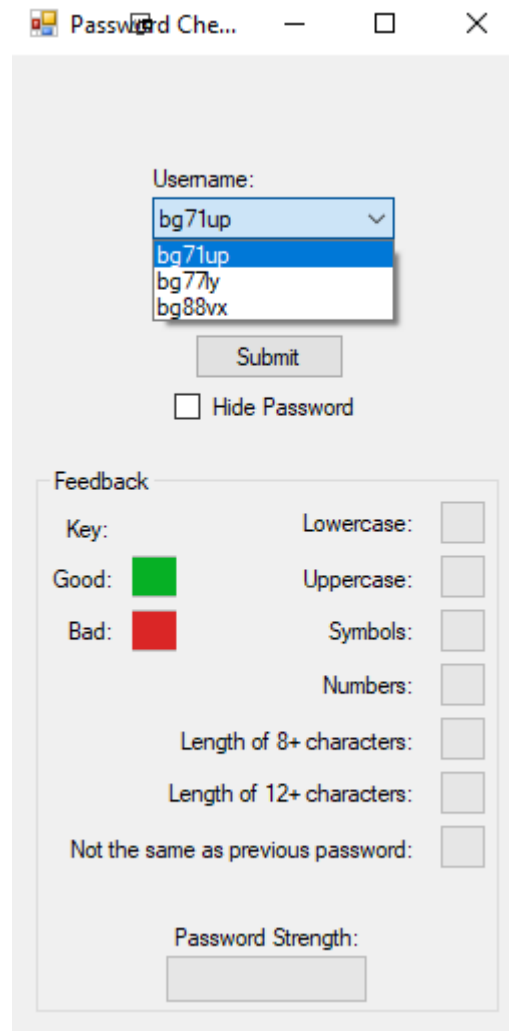


Program Screenshots

1. It has multiple usernames to assign passwords to



The screenshot shows a window titled "Password Che..." with standard Windows window controls. The main interface includes a "Username:" label above a dropdown menu. The dropdown is open, showing a list of four usernames: "bg71up", "bg71up", "bg77ly", and "bg88vx". Below the dropdown is a "Submit" button. Underneath the button is a checkbox labeled "Hide Password".

Below the "Submit" button is a "Feedback" section. It contains a "Key:" label, a "Good:" label with a green square, and a "Bad:" label with a red square. To the right of these are several checkboxes for password criteria: "Lowercase:", "Uppercase:", "Symbols:", "Numbers:", "Length of 8+ characters:", "Length of 12+ characters:", and "Not the same as previous password:". At the bottom of the feedback section is a "Password Strength:" label above a horizontal progress bar.

2. It has validation to make sure a password is entered

The screenshot shows a Windows application window titled "Password Checker". Inside the window, there is a "Username:" label followed by a dropdown menu containing the text "bg71up". Below this is a "Password:" label followed by an empty text input field. A "Submit" button is positioned below the password field. Underneath the button is a checkbox labeled "Hide Password". A modal error dialog box is overlaid on top of the main window. The dialog has a title bar that says "Enter a password!". Inside the dialog, there is a red circular icon with a white "X" and the text "Please Enter a Password". An "OK" button is at the bottom right of the dialog. In the background, partially obscured by the dialog, are several checkboxes: "Length of 8+ characters:", "Length of 12+ characters:", and "Not the same as previous password:". At the very bottom of the main window, there is a label "Password Strength:" followed by an empty text box.

Username:
bg71up

Password:

Submit

☐ Hide Password

Enter a password!

Please Enter a Password

OK

Length of 8+ characters: ☐

Length of 12+ characters: ☐

Not the same as previous password: ☐

Password Strength:

3. Has validation to make sure the password is not the same as the username

The screenshot shows a 'Password Checker' application window. The 'Username' field is a dropdown menu with 'bg71up' selected. The 'Password' field is a text box containing 'bg71up'. A 'Submit' button is located below the password field. A 'Hide Password' checkbox is also present. To the right of the main form is a large dark rectangular area. A modal error dialog is displayed in the foreground, titled 'Password is the same as Username!'. It features a red circular icon with a white 'X' and the text 'Please Enter a Different Password'. An 'OK' button is at the bottom right of the dialog. In the bottom right corner of the dark area, there is a snippet of code: `<Icon.Error>;`.

Username: bg71up

Password: bg71up

Submit

☐ Hide Password

Feedback

Key: Lowercase: ☐

Good: ☒ Uppercase: ☐

Bad: ☒ Symbols: ☐

Numbers: ☐

Length of 8+ characters: ☐

Length of 12+ characters: ☐

Not the same as previous password: ☐

Password Strength:

Password is the same as Username!

Please Enter a Different Password

OK

`<Icon.Error>;`

4. It has the option to hide your password

Username:
bg71up

Password:
TestPass!11

Submit

☐ Hide Password

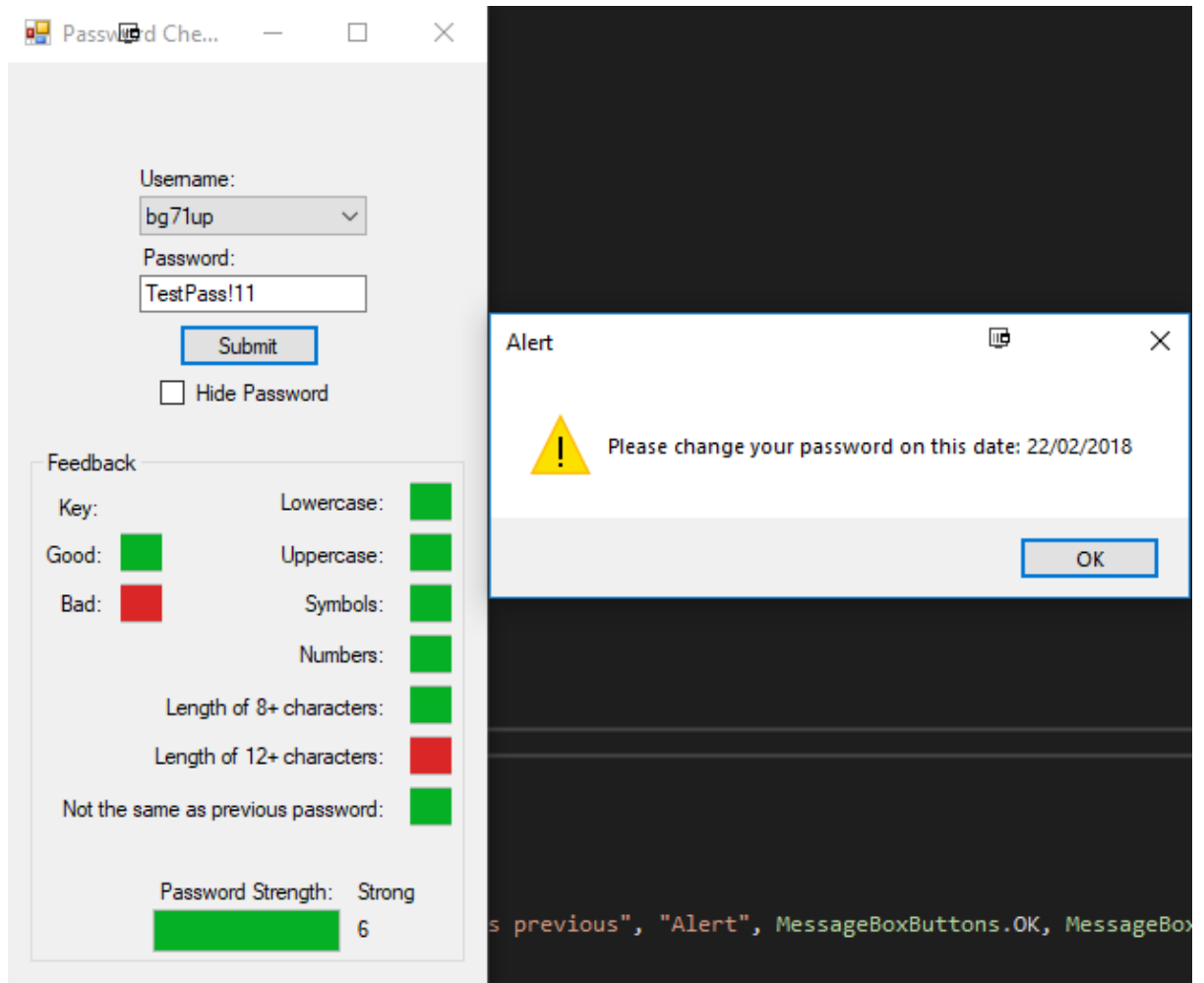
Username:
bg71up

Password:
●●●●●●●●

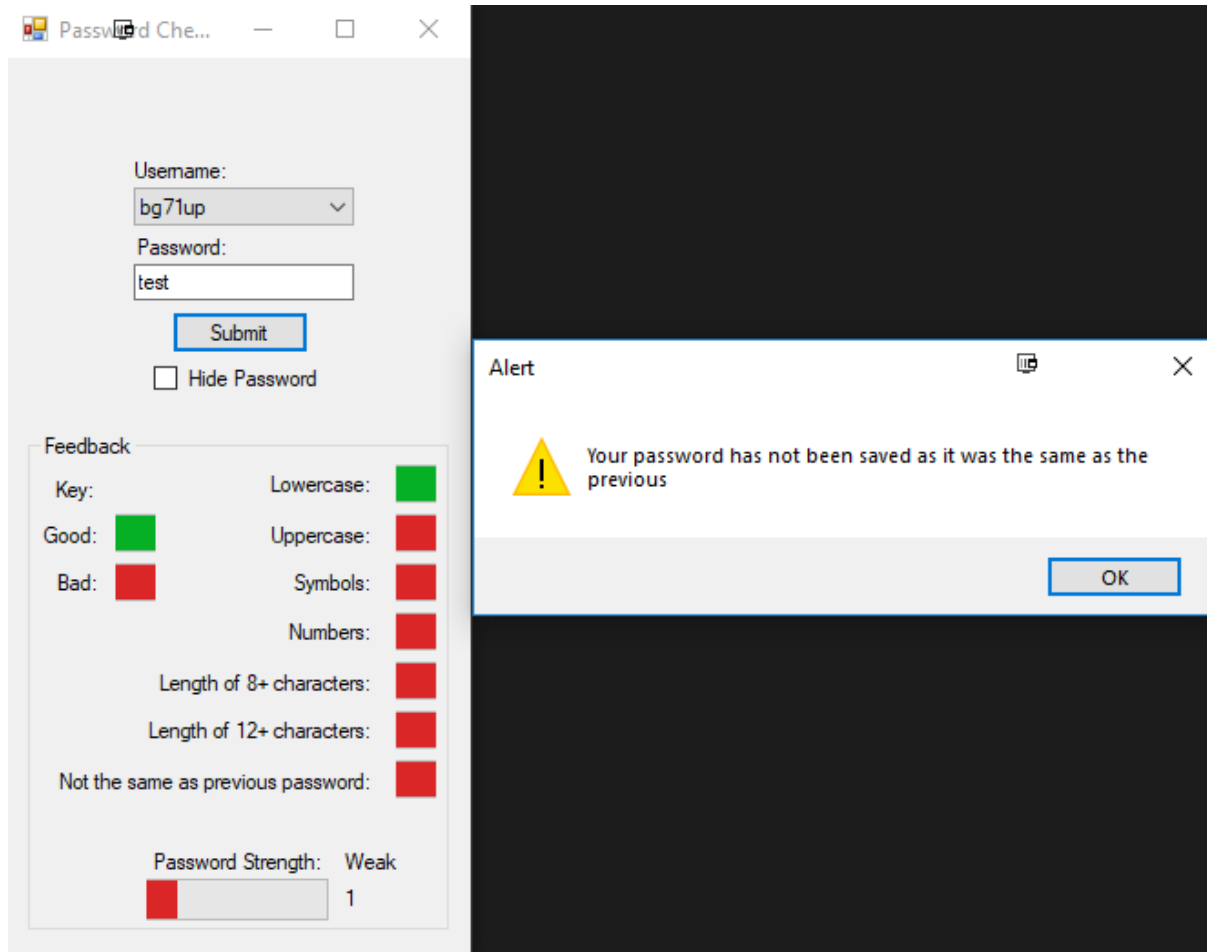
Submit

☒ Hide Password

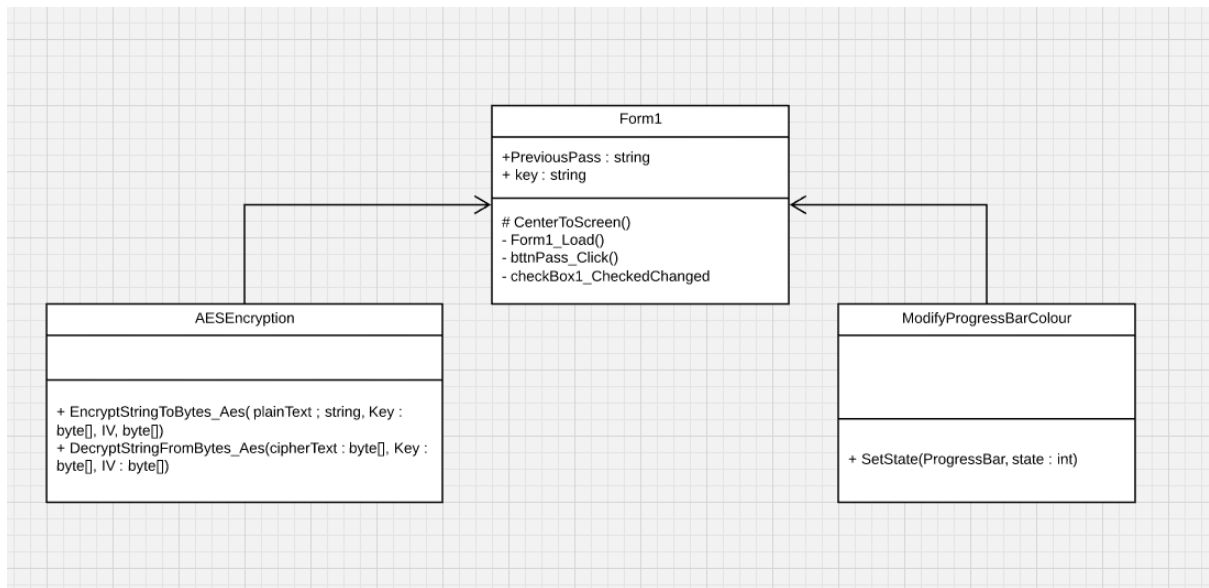
5. It will check how strong your password is against a set of criteria, which will flag what is missing and what is included, as well as telling you when you next need to change your password, as well as give it a strength rating



6. It will make sure the same password is not entered and will flag it if it is



7. UML Class Diagram



8. Wireframe for program

Username:

Password:

Submit

☐ Hide Password

Feedback

Key:

Feedback: ☐

Good: ☐

Feedback: ☐

Bad: ☐

Feedback: ☐

Feedback: ☐

Feedback: ☐

Feedback: ☐

Feedback: ☐

Password Strength: strength

Strength bar

score