


Kyra Samuel
SDEV300
Lab 8

Profile Page

Home	Shop	News	Profile	Logout
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@kysamuel

Change Password

In Lab 7, the profile page did not have a change password button. In this Lab, users can go to “/profile/<username>” to update passwords. Once the change password button is clicked, the user is redirected to the reset page: “/profile/<username>/reset”

Change Password

Current Password

New Password

Confirm New Password

Save

Users can receive multiple errors due to input validation resulting in the form refreshing with an error message output. For example, if the user fails to put in the correct password for the Current Password input:

Change Password

Current Password

Incorrect Password

If the user's password is found in the CommonPasswords.txt file, the following message: "Password is too easy to guess" is displayed:

Password Input = "nothing"

Change Password

Current Password

New Password

Password is too easy to guess.

Confirm New Password

Save

This error will be displayed only before any of the previous Lab 7 errors which are still included in the password validation.

If the user is able to enter the current password and valid password, then the password is reset. This results in a confirmation message that is flashed at the top of the page and the user is redirected to "/logout" which will redirect them to ("/login")

[Home](#)[Shop](#)[News](#)[Login](#)

Welcome Back

Username

Password

Need an Account? [Register](#)

☐ Remember Me

Logger

I have created an app.log file that will show error logs in the application. The login attempts are considered an error log in order to keep preserve readability in the app.log file. The code can be found in the logger.py file in /app.

≡ app.log

```
1 Date and Time: 15/07/2021 03:18: IP Address: 192.168.1.101
2 Date and Time: 15/07/2021 03:18: IP Address: 192.168.1.101
3
```

Decrypting Messages

a. THIS SDEV 300 CLASS HAS SOME STRANGE REQUESTS.

Decrypt ▾

Your message: ([Reverse](#) - [Swap](#))

```
... / ... - - - - - / ... - - - - - / ... - - - - - / ... - - - - -  
- - -  
... - - - - -
```

This is your encoded or decoded text:

THIS SDEV 300 CLAS
S HAS SOME STRANGE REQ
UESTS.

This is a table of all the Morse Code translations I know

b. So this is base64. Now I know.

Base64, also known as MIME encoding, translates binary into safe text. It is used to send attachments in email and to change small bits of unsafe high-character data into stuff that is a lot nicer for text-based system.

Decrypt ▾

U28gdGhpcyBpcyBiYXNlNjQuIE5vdyB1IGtub3cu

This is your encoded or decoded text:

So this is base64. Now I know.

c. I am so clever no one could possibly figure this out

Using the Cryptogram Solver, this is what I received:

Dictionary: **American English (Medium)** ▾

```
--- Psuwb Ysm ----  
W oa gc qzsjsf. Bc cbs qcizr dcggwpzm  
twuifs hvwg cih.  
--- Sbr Ysm ---
```

Solve The Cryptogram

The Results

BEGIN KEY I AM SO CLEVER NO ONE COULD POSSIBLY FIGURE THIS OUT END KEY
BEGIN KEY I AX SO CLEVER NO ONE COULD POSSIBLY FIGURE THIS OUT END KEY
BEGIN KEY I MA SO CLEVER NO ONE COULD POSSIBLY FIGURE THIS OUT END KEY
BEGIN KEY I WM SO CLEVER NO ONE COULD POSSIBLY FIGURE THIS OUT END KEY

I was able to see that MorseCode and Base64 was used, but I am not sure what the third one is!