

Lab 8 Test Cases

Test Number	Input	Expected Output	Actual Output	Pass?
1	<p>From the home screen, click “Already registered? Login here.” To go to the login page.</p> <p>Login with user: jsparrow Password: tyuTYU567%^& From the login success page, click “update password”.</p> <p>Enter the current password: tyuTYU567%^& and enter the new password as oooOOO999(((must enter it twice to confirm. Also check in user_database.csv file to see that password has been updated there as well.</p>	Password for user jsparrow will be successfully updated.	Password for user jsparrow will be successfully updated.	True
2	<p>Picking up where test 1 ended, click the “logout” button and you will be taken back to the user login screen.</p> <p>Attempt to login with user hailcaesar. Enter “1” for the password and click “Login”. This is the wrong password, so you should get a message saying “Wrong username or password”.</p> <p>Check the Logger.csv file as well and you should see a new logged entry with the current date and time of the failed login attempt along with the IP address of the user who attempted the login.</p>	Failed login attempt will be reflected in error message on website as well as captured in Logger.csv file.	Failed login attempt will be reflected in error message on website as well as captured in Logger.csv file.	True
3	<p>Picking up where test 2 ended, login with hailcaesar user using correct password: qqqQQQ111!!! Then click “Update password” from the login success page.</p> <p>Attempt to change the password using current</p>	Attempt to update the password for user hailcaesar going through each error before successfully updating the password according to the appropriate password	Attempt to update the password for user hailcaesar going through each error before successfully updating the password according to the appropriate password	True

	<p>password: qqQ111!!! And new password: password Click "Update".</p> <p>Attempt to change password with current password: qqQ111!!! And new password as: password:</p> <p>Since "password" is one of the common passwords listed in the CommonPassword.txt file, the website will not let you change it to this.</p> <p>Try to update the password several more times and see each appropriate error message. Try:</p> <p>qqwwee qqwweerrtty qqwweerrtty1 Qqwweerrtty1 Qqwweerrtty1\$ as the new password BUT type "asd" for the retype password.</p> <p>Finally, try to update the password using Qqwweerrtty1\$ as the new password and Qqwweerrtty1\$ as the retype password and you will get a success message.</p>	complexity requirements.	complexity requirements.	
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Test 1:

Go to login page:

Why I stopped consuming animal products.



Subscribe to my newsletter!

[Already registered? Login here.](#)

Login with jsparrow, password: tyuTYU567%^&

[New user? Register here.](#)



Username:

Password:

Login

Update password

Now go to “Update password”:



Login success!

[Update password](#)

[Return to home](#)

[Logout](#)

Enter current password: tyuTYU567%^& and enter oooOOO999(((as the new password. Must enter twice to confirm:



Logged in as: jsparrow

Current password:

New password:

Retype password:

[Update](#)

[Return to home](#)

[Logout](#)

Message below confirms password has been updated:



Logged in as: jsparrow

Current password:

New password:

Retype password:

Password updated!

Also check in user_database.csv file to see that password has been updated there as well:

ugins supporting *.csv files found.

	First Name	Last Name	Username	Password
	Jack	Sparrow	jsparrow	ooo000999(((
	Mark	Antony	manton	qqqQQQ111!!!
	Julius	Caesar	hailcaesar	qqqQQQ111!!!
	Jimmy	Ratz	jimmy	Jimmy123!@#!@#
	Molly	Malone	molly22	Molly1234!@#\$
	Fo ^o do	Baggins	ring4ever	zxcASD123!@#
	Taco	Bella	taco_pup	ooo000999(((

Test 2:

Log out of jsparrow:



Logged in as: jsparrow

Current password:

New password:

Retype password:

Password updated!

On the user login screen, attempt to login with user hailcaesar. Enter "1" for the password:


[New user? Register here.](#)



Username:

Password:

This is the wrong password, so you will get the following error message:



A screenshot of a web application's login page. It features two input fields: 'Username:' and 'Password:'. Below the password field is a 'Login' button. A red error message, 'Wrong username or password', is displayed in a red font and is circled with a blue hand-drawn line. Below the error message is a grey button labeled 'Update password'. At the bottom of the page is another grey button labeled 'Return to home'.

Now check the `Logger.csv` file to see that the failed login attempt was logged:

[illegible]

Test 3:

Login with hailcaesar user using correct password: qqqQQQ111!!



Username:

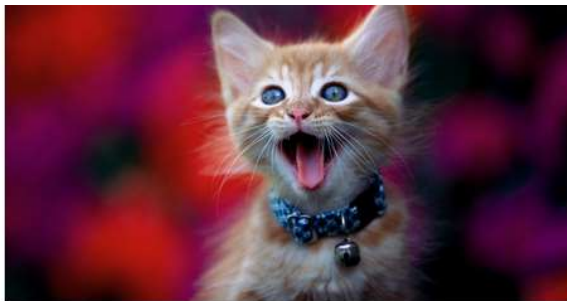
Password:

Login

Wrong username or password

Update password

You will get the login success screen. Click “Update password”:



Login success!

Update password

Return to home

Logout

Attempt to change password with current password: qqqQQQ111!!! And new password as: password:



Logged in as: hailcaesar

Current password:

New password:

Retype password:

Update

Return to home

Since “password” is one of the common passwords listed in the CommonPassword.txt file, the website will not let you change it to this:



Logged in as: hailcaesar

Current password:

New password:

Retype password:

Update

Password too common! Please choose another.

Return to home

Try to update the password again using qqww ee as the new password and you will get the appropriate error message stating the password complexity requirements:



Logged in as: hailcaesar

Current password:

New password:

Retype password:

Password must be 12 or more characters in length.

Now try to update the password again using qqww eer t t t y as the new password and you will get the appropriate error message stating the password complexity requirements:



Logged in as: hailcaesar

Current password:

New password:

Retype password:

Password must contain at least 1 number!

Now try to update the password again using qqwwerrtty1 as the new password and you will get the appropriate error message stating the password complexity requirements:



Logged in as: hailcaesar

Current password:

New password:

Retype password:

Update

Password must contain at least 1 uppercase character!

Return to home

Now try to update the password again using Qqwweerrtty1 as the new password and you will get the appropriate error message stating the password complexity requirements:



Logged in as: hailcaesar

Current password:

New password:

Retype password:

Update

Password must contain at least 1 special character!

Return to home

Now try to update the password again using Qqwweerrtty1\$ as the new password BUT type “asd” for the retype password and you will get the following error message:



Logged in as: hailcaesar

Current password:

New password:

Retype password:

Update

Passwords do not match!

Return to home

Finally, try to update the password using Qqwweerrtty1\$ as the new password and Qqwweerrtty1\$ as the retype password and you will get a success message:



Logged in as: hailcaesar

Current password:

New password:

Retype password:

Update

Password updated!

Return to home

Pylint results:

There were a few minor warnings about line length and variable name suggestions, but my overall score was 9.11 out of 10 for Pylint:

```
***** Module website_password_update
website_password_update.py:91:0: C0301: Line too long (106/100) (line-too-long)
website_password_update.py:95:0: C0301: Line too long (103/100) (line-too-long)
website_password_update.py:226:0: C0301: Line too long (107/100) (line-too-long)
website_password_update.py:71:44: C0103: Variable name "p" doesn't conform to snake_case naming style (invalid-name)
website_password_update.py:90:49: C0103: Variable name "f" doesn't conform to snake_case naming style (invalid-name)
website_password_update.py:116:41: C0103: Variable name "f" doesn't conform to snake_case naming style (invalid-name)
website_password_update.py:164:0: R0914: Too many local variables (16/15) (too-many-locals)
website_password_update.py:173:41: C0103: Variable name "f" doesn't conform to snake_case naming style (invalid-name)
website_password_update.py:190:60: C0103: Variable name "p" doesn't conform to snake_case naming style (invalid-name)
website_password_update.py:214:0: R1721: Unnecessary use of a comprehension (unnecessary-comprehension)
website_password_update.py:216:32: C0103: Variable name "x" doesn't conform to snake_case naming style (invalid-name)
website_password_update.py:164:0: R0912: Too many branches (16/12) (too-many-branches)

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Your code has been rated at 9.11/10 (previous run: 9.04/10, +0.07)
```

Error handling:

Error handling not necessary here, the error handling was already shown in the test cases with password update requirements.

Decrypt messages

a. -... .. / ... -.. ..-/ ...-----/ -. .- .-... .. / -.. / ... ----- / ... -.. -.. -.. / -. -..-... .. -.. -..-

I used the Morse code cipher to decrypt: <http://rumkin.com/tools/cipher/morse.php>

Decrypt ▾

Your message: (Reverse - Swap)

-... .. / ... -.. ..-/ ...-----/ -. .- .-... .. / -.. / ... ----- / ... -.. -.. -.. / -. -..-... .. -.. -..-

This is your encoded or decoded text:

THIS SDEV 300 CLASS HAS SOME STRANGE REQUESTS.

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

A	.-	B	-... ..	C	-.-.	D	-..	E	.	F	..-.	G	--.	H	I	..	J	.-.-
---	----	---	---------	---	------	---	-----	---	---	---	------	---	-----	---	------	---	----	---	------

b. U28gdGhpcyBpcyBiYXNlNjQuIE5vdyBJIGtub3cu

I used Base64 to decrypt: <http://rumkin.com/tools/cipher/base64.php>

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 hig

Decrypt ▾

U28gdGhpcyBpcyBiYXNlNjQuIE5vdyBJIGtub3cu

This is your encoded or decoded text:

So this is base64. Now I know.

c. ---Psuwb Ysm ----W oa gc qzsjsf. Bc cbs qcizr dcgwpzm twuifs hwwg cih. ---Sbr Ysm ---

I used the Caesarian cipher to decrypt set to 12 letters shifted: <http://rumkin.com/tools/cipher/caesar.php>

To encode something, just pick an N and type in your message. To decode something, subtract the encryption N from 26 and it should be decoded for you.

N: 12 ▾

---Psuwb Ysm ----W oa gc qzsjsf. Bc cbs qcizr dcgwpzm twuifs hwwg cih. ---Sbr Ysm ---

This is your encoded or decoded text:

---Begin Key ----I am so clever. No one could possibly figure this out. ---End Key ---