Lab 7: Flask Login Documentation

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SDEV 300 Building Secure Python Applications

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Pylint Score: Overall 10/10.0

My score was a 10/10.0 on pylint with no needed changes.

Test Case Table

|  |  |  |
| --- | --- | --- |
| Test Case (Expectation) | Input/Output as shown on Terminal Console | Pass/Fail |
| 1: User login and registration is forced if you do not have an account. Only home page is visible if you are not logged in/registered | On the home page, there is an option to log in or register. I chose one of the movie options instead for the sake of seeing what happens if you don’t have an account    Clicking one of those takes you to the login page    Since a new user needs to register, they need to click the register here button    After registering with valid credentials, you go back into the login page    After logging in, you get this page. From there you click the home page or log out    This is a snip of the home page after logging in. The Welcome message does not appear if logged out/not registered | Pass |
| 2: User login and registration input validation including proper complexity in the password | Using the same credentials of an already existing user:      Using credentials that aren’t already on record but with invalid password complexity:      Logging in with a username/password that does not exist:  Invalid password    Invalid username    Successful login | Pass |
| 3: usernames and passwords are written to a file | Credential file called passfile, before I made any accounts:  After I made an account:    The file does not get erased or overwritten when the route.py stops being run or when adding new accounts. To test this, I had to manually erase the username and passwords that were in there to show that I had it blank at first and then it got edited when a user was added. This is also how the program detected if a user already existed. | Pass |
| 4: Access to rest of the pages after login |  | Pass |
| 5: Images added | Added one image on each webpage | Pass |
| 6: Table added | The table has 4 columns and 10 rows |  |
| 7: logout functionality to ensure that the session ends and that a new user can register or log in to access the rest of the site | When the logout button is pressed, the welcome message at the top of each page disappears and the user is kicked back to the homepage.    I am brought back to the login page when I try to click on the link to a page that cannot be accessed without being logged in. | Pass |