

COSC 4P02 – Header Navigation Test Document:

Completed Automated Tests:

```
header_navigation_test.py::test_header_present
DevTools listening on ws://127.0.0.1:57895/devtools/browser/cd3f4e58-d97f-4135-8979-0c0555a086b7
PASSED [ 25%]
header_navigation_test.py::test_header_present_after_login PASSED [ 50%]
header_navigation_test.py::test_header_present_after_logout PASSED [ 75%]
header_navigation_test.py::test_header_functionality PASSED [100%]
===== 4 passed in 31.72s =====
```

Test Execution Commands:

python -m pytest header_navigation_test.py -v

python -m pytest header_navigation_test.py -v -s (this will display the messages and content printed in the tests when run)

python -m pytest header_navigation_test.py -k "test_header_present" -s -v

python -m pytest header_navigation_test.py -k "test_header_present_after_login" -s -v

python -m pytest header_navigation_test.py -k "test_header_present_after_logout" -s -v

python -m pytest header_navigation_test.py -k "test_header_functionality" -s -v

Method Test Cases and Descriptions:

test_header_present:

Test Case 1: Testing the presence of the header. This will confirm that the header is present on the page for navigation. This method will check if the header is present on the page. It uses the Selenium WebDriver (predefined as a fixture above) to navigate to our URL and check for the presence of the buttons by the text of the buttons.

Expected Result: Pass. The header should be present on the page.

test_header_present_after_login:

Test Case 2: Testing the presence of the header after login. This will confirm that the header is present on the page for navigation after login, and the proper pages have appeared/disappeared. This method will check if the header is present on the page after login, and check that the proper pages have appeared/disappeared. It uses the Selenium WebDriver (predefined as a fixture above) to navigate to our URL and check for the presence of the buttons by the text of the buttons.

Expected Result: Pass. The header should be present on the page after login with the correct pages and buttons.

test_header_present_after_logout:

Test Case 3: Testing the presence of the header after logout. This will confirm that the header is present on the page for navigation after logout, and the proper pages have appeared/disappeared. This method will check if the header is present on the page after logout, and check that the proper pages have appeared/disappeared. It uses the Selenium WebDriver (predefined as a fixture above) to navigate to our URL and check for the presence of the buttons by the text of the buttons.

Expected Result: Pass. The header should be present on the page after logout with the correct pages and buttons.

test_header_functionality:

Test Case 4: Testing the functionality of the header buttons. This will confirm that the header buttons are functional and navigate to the correct pages. This method will check if the header buttons are functional and navigate to the correct pages. It uses the Selenium WebDriver (predefined as a fixture above) to navigate to our URL and check for the presence of elements relevant to the different pages of our site.

Expected Result: Pass. The header buttons should be functional and navigate to the correct pages.