

Sample Test Script for Online Election Platform

```
# pip install pyhtmlreport
from pyhtmlreport import Report
from selenium import webdriver
from selenium.webdriver.common.keys import Keys
from selenium.webdriver.common.by import By
import time

report = Report()
driver =
webdriver.Chrome(executable_path="D:\\Lab\\PycharmProjects\\drivers\\chromedriver.exe")

report.setup(
    report_folder=r'D:\github\Online-Election-Platform\Reports',
    module_name='Report',
    release_name='Release 1',
    selenium_driver=driver
)
driver.get('http://127.0.0.1:8000/')

try:
    # Test1
    report.write_step(
        'Group of 18201052_18201080_18201085',
        status=report.status.Start,
        test_number=1
    )
    driver.find_element(By.NAME, "username").send_keys("69547851")
    print("find username field\n")
    driver.find_element(By.NAME, "password").send_keys("w8789raG")
    print("find password field\n")
    time.sleep(2)

    driver.find_element(By.XPATH, "//input[@type='submit' and @value='Login']").click()
    time.sleep(2)
    driver.find_element(By.XPATH, '//a[contains(@href, "standings")]').click()
    time.sleep(3)
    driver.find_element(By.XPATH, '//a[contains(@href, "password_change")]').click()
    time.sleep(2)

    time.sleep(2)
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driver.find_element(By.NAME, "old_password").send_keys("w8789raG")
time.sleep(2)
driver.find_element(By.NAME, "new_password1").send_keys("w8789raG")
time.sleep(2)
driver.find_element(By.NAME, "new_password2").send_keys("w8789raG")

driver.find_element(By.XPATH, "//input[@type='submit' and @value='change
password']").click()

driver.find_element(By.XPATH, '//a[contains(@href, "logout")]').click()
time.sleep(2)

print("Thank You")

# Test Steps
report.write_step(
    'Password Changed',
    status=report.status.Pass,
    screenshot=True
)
except AssertionError:
    report.write_step(
        'Password did not changed',
        status=report.status.Fail,
        screenshot=True
    )
except Exception as e:
    report.write_step(
        f'Something went wrong during execution!</br>{e}',
        status=report.status.Warn,
        screenshot=True
    )

try:
    # Test2
    report.write_step(
        'Group of 18201052_18201080_18201085',
        status=report.status.Start,
        test_number=1
    )
    driver.find_element(By.NAME, "username").send_keys("69547851")
    print("find username field\n")
    driver.find_element(By.NAME, "password").send_keys("w8789raG")
    print("find password field\n")

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time.sleep(2)

driver.find_element(By.XPATH, "//input[@type='submit' and @value='Login']").click()
time.sleep(2)
driver.find_element(By.XPATH, '//a[contains(@href, "standings")]').click()
time.sleep(3)
driver.find_element(By.XPATH, '//a[contains(@href, "password_change")]').click()
time.sleep(2)

time.sleep(2)
driver.find_element(By.NAME, "old_password").send_keys("w8789raG")
time.sleep(2)
driver.find_element(By.NAME, "new_password1").send_keys("w8789raG")
time.sleep(2)
driver.find_element(By.NAME, "new_password2").send_keys("w8789raG")

driver.find_element(By.XPATH, "//input[@type='submit' and @value='change
password']").click()

driver.find_element(By.XPATH, '//a[contains(@href, "logout")]').click()
time.sleep(2)

print("Thank You")

# Test Steps
report.write_step(
    'Password Changed',
    status=report.status.Pass,
    screenshot=True
)
except AssertionError:
    report.write_step(
        'Password did not changed',
        status=report.status.Fail,
        screenshot=True
    )
except Exception as e:
    report.write_step(
        f'Something went wrong during execution!</br>{e}',
        status=report.status.Warn,
        screenshot=True
    )

try:

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# Test3
report.write_step(
    'Group of 18201052_18201080_18201085',
    status=report.status.Start,
    test_number=1
)
driver.find_element(By.NAME, "username").send_keys("69547851")
print("find username field\n")
driver.find_element(By.NAME, "password").send_keys("w8789raG")
print("find password field\n")
time.sleep(2)

driver.find_element(By.XPATH, "//input[@type='submit' and @value='Login']").click()
time.sleep(2)
driver.find_element(By.XPATH, '//a[contains(@href, "standings")]').click()
time.sleep(3)
driver.find_element(By.XPATH, '//a[contains(@href, "password_change")]').click()
time.sleep(2)

time.sleep(2)
driver.find_element(By.NAME, "old_password").send_keys("w8789raG")
time.sleep(2)
driver.find_element(By.NAME, "new_password1").send_keys("w8789raG")
time.sleep(2)
driver.find_element(By.NAME, "new_password2").send_keys("w8789raG")

driver.find_element(By.XPATH, "//input[@type='submit' and @value='change password']").click()

driver.find_element(By.XPATH, '//a[contains(@href, "logout")]').click()
time.sleep(2)

print("Thank You")

# Test Steps
report.write_step(
    'Password Changed',
    status=report.status.Pass,
    screenshot=True
)
except AssertionError:
    report.write_step(
        'Password did not changed',
        status=report.status.Fail,

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        screenshot=True
    )
except Exception as e:
    report.write_step(
        f'Something went wrong during execution!</br>{e}',
        status=report.status.Warn,
        screenshot=True
    )

try:
    # Test4
    report.write_step(
        'Group of 18201052_18201080_18201085',
        status=report.status.Start,
        test_number=1
    )
    driver.find_element(By.NAME, "username").send_keys("69547851")
    print("find username field\n")
    driver.find_element(By.NAME, "password").send_keys("w8789raG")
    print("find password field\n")
    time.sleep(2)

    driver.find_element(By.XPATH, "//input[@type='submit' and @value='Login']").click()
    time.sleep(2)
    driver.find_element(By.XPATH, '//a[contains(@href, "standings")]').click()
    time.sleep(3)
    driver.find_element(By.XPATH, '//a[contains(@href, "password_change")]').click()
    time.sleep(2)

    time.sleep(2)
    driver.find_element(By.NAME, "old_password").send_keys("w8789raG")
    time.sleep(2)
    driver.find_element(By.NAME, "new_password1").send_keys("w8789raG")
    time.sleep(2)
    driver.find_element(By.NAME, "new_password2").send_keys("w8789raG")

    driver.find_element(By.XPATH, "//input[@type='submit' and @value='change password']").click()

    driver.find_element(By.XPATH, '//a[contains(@href, "logout")]').click()
    time.sleep(2)

    print("Thank You")

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# Test Steps
report.write_step(
    'Password Changed',
    status=report.status.Pass,
    screenshot=True
)
except AssertionError:
    report.write_step(
        'Password did not changed',
        status=report.status.Fail,
        screenshot=True
    )
except Exception as e:
    report.write_step(
        f'Something went wrong during execution!</br>{e}',
        status=report.status.Warn,
        screenshot=True
    )

try:
    # Test5
    report.write_step(
        'Group of 18201052_18201080_18201085',
        status=report.status.Start,
        test_number=1
    )
    driver.find_element(By.NAME, "username").send_keys("69547851")
    print("find username field\n")
    driver.find_element(By.NAME, "password").send_keys("w8789raG")
    print("find password field\n")
    time.sleep(2)

    driver.find_element(By.XPATH, "//input[@type='submit' and @value='Login']").click()
    time.sleep(2)
    driver.find_element(By.XPATH, '//a[contains(@href, "standings")]').click()
    time.sleep(3)
    driver.find_element(By.XPATH, '//a[contains(@href, "password_change")]').click()
    time.sleep(2)

    time.sleep(2)
    driver.find_element(By.NAME, "old_password").send_keys("w8789raG")
    time.sleep(2)
    driver.find_element(By.NAME, "new_password1").send_keys("w8789raG")
    time.sleep(2)

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driver.find_element(By.NAME, "new_password2").send_keys("w8789raG")

driver.find_element(By.XPATH, "//input[@type='submit' and @value='change
password']").click()

driver.find_element(By.XPATH, '//a[contains(@href, "logout")]').click()
time.sleep(2)

print("Thank You")

# Test Steps
report.write_step(
    'Password Changed',
    status=report.status.Pass,
    screenshot=True
)
except AssertionError:
    report.write_step(
        'Password did not changed',
        status=report.status.Fail,
        screenshot=True
    )
except Exception as e:
    report.write_step(
        f'Something went wrong during execution!</br>{e}',
        status=report.status.Warn,
        screenshot=True
    )

try:
    # Test6
    report.write_step(
        'Group of 18201052_18201080_18201085',
        status=report.status.Start,
        test_number=1
    )
    driver.find_element(By.NAME, "username").send_keys("69547851")
    print("find username field\n")
    driver.find_element(By.NAME, "password").send_keys("w8789raG")
    print("find password field\n")
    time.sleep(2)

    driver.find_element(By.XPATH, "//input[@type='submit' and @value='Login']").click()
    time.sleep(2)

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driver.find_element(By.XPATH, '//a[contains(@href, "standings")]').click()
time.sleep(3)
driver.find_element(By.XPATH, '//a[contains(@href, "password_change")]').click()
time.sleep(2)

time.sleep(2)
driver.find_element(By.NAME, "old_password").send_keys("w8789raG")
time.sleep(2)
driver.find_element(By.NAME, "new_password1").send_keys("w8789raG")
time.sleep(2)
driver.find_element(By.NAME, "new_password2").send_keys("w8789raG")

driver.find_element(By.XPATH, "//input[@type='submit' and @value='change
password']").click()

driver.find_element(By.XPATH, '//a[contains(@href, "logout")]').click()
time.sleep(2)

print("Thank You")

# Test Steps
report.write_step(
    'Password Changed',
    status=report.status.Pass,
    screenshot=True
)
except AssertionError:
    report.write_step(
        'Password did not changed',
        status=report.status.Fail,
        screenshot=True
    )
except Exception as e:
    report.write_step(
        f'Something went wrong during execution!</br>{e}',
        status=report.status.Warn,
        screenshot=True
    )

try:
    # Test7
    report.write_step(
        'Group of 18201052_18201080_18201085',
        status=report.status.Start,

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    test_number=1
)
driver.find_element(By.NAME, "username").send_keys("69547851")
print("find username field\n")
driver.find_element(By.NAME, "password").send_keys("w8789raG")
print("find password field\n")
time.sleep(2)

driver.find_element(By.XPATH, "//input[@type='submit' and @value='Login']").click()
time.sleep(2)
driver.find_element(By.XPATH, '//a[contains(@href, "standings")]').click()
time.sleep(3)
driver.find_element(By.XPATH, '//a[contains(@href, "password_change")]').click()
time.sleep(2)

time.sleep(2)
driver.find_element(By.NAME, "old_password").send_keys("w8789raG")
time.sleep(2)
driver.find_element(By.NAME, "new_password1").send_keys("w8789raG")
time.sleep(2)
driver.find_element(By.NAME, "new_password2").send_keys("w8789raG")

driver.find_element(By.XPATH, "//input[@type='submit' and @value='change
password']").click()

driver.find_element(By.XPATH, '//a[contains(@href, "logout")]').click()
time.sleep(2)

print("Thank You")

# Test Steps
report.write_step(
    'Password Changed',
    status=report.status.Pass,
    screenshot=True
)
except AssertionError:
    report.write_step(
        'Password did not changed',
        status=report.status.Fail,
        screenshot=True
    )
except Exception as e:
    report.write_step(

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```
        f'Something went wrong during execution!</br>{e}',
        status=report.status.Warn,
    screenshot=True
)
```

try:

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# Test8
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```
report.write_step(
    'Group of 18201052_18201080_18201085',
    status=report.status.Start,
    test_number=1
)
```

```
driver.find_element(By.NAME, "username").send_keys("69547851")
print("find username field\n")
driver.find_element(By.NAME, "password").send_keys("w8789raG")
print("find password field\n")
time.sleep(2)
```

```
driver.find_element(By.XPATH, "//input[@type='submit' and @value='Login']").click()
time.sleep(2)
driver.find_element(By.XPATH, '//a[contains(@href, "standings")]').click()
time.sleep(3)
driver.find_element(By.XPATH, '//a[contains(@href, "password_change")]').click()
time.sleep(2)
```

```
time.sleep(2)
driver.find_element(By.NAME, "old_password").send_keys("w8789praG")
time.sleep(2)
driver.find_element(By.NAME, "new_password1").send_keys("w8789raG")
time.sleep(2)
driver.find_element(By.NAME, "new_password2").send_keys("w8789raG")
```

```
driver.find_element(By.XPATH, "//input[@type='submit' and @value='change
password']").click()
```

```
driver.find_element(By.XPATH, '//a[contains(@href, "logout")]').click()
time.sleep(2)
```

```
print("Thank You")
```

```
# Test Steps
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```
report.write_step(
    'Password Changed',
    status=report.status.Pass,
```

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        screenshot=True
    )
except AssertionError:
    report.write_step(
        'Password did not changed',
        status=report.status.Fail,
        screenshot=True
    )
except Exception as e:
    report.write_step(
        f'Something went wrong during execution!</br>{e}',
        status=report.status.Warn,
        screenshot=True
    )

try:
    # Test9
    report.write_step(
        'Group of 18201052_18201080_18201085',
        status=report.status.Start,
        test_number=1
    )
    driver.find_element(By.NAME, "username").send_keys("69547851")
    print("find username field\n")
    driver.find_element(By.NAME, "password").send_keys("w8789raG")
    print("find password field\n")
    time.sleep(2)

    driver.find_element(By.XPATH, "//input[@type='submit' and @value='Login']").click()
    time.sleep(2)
    driver.find_element(By.XPATH, '//a[contains(@href, "standings")]').click()
    time.sleep(3)
    driver.find_element(By.XPATH, '//a[contains(@href, "password_change")]').click()
    time.sleep(2)

    time.sleep(2)
    driver.find_element(By.NAME, "old_password").send_keys("w8789")
    time.sleep(2)
    driver.find_element(By.NAME, "new_password1").send_keys("w8789raG")
    time.sleep(2)
    driver.find_element(By.NAME, "new_password2").send_keys("w8789raG")

    driver.find_element(By.XPATH, "//input[@type='submit' and @value='change password']").click()

```

```

driver.find_element(By.XPATH, '//a[contains(@href, "logout")]').click()
time.sleep(2)

print("Thank You")

# Test Steps
report.write_step(
    'Password Changed',
    status=report.status.Pass,
    screenshot=True
)
except AssertionError:
    report.write_step(
        'Password did not changed',
        status=report.status.Fail,
        screenshot=True
    )
except Exception as e:
    report.write_step(
        f'Something went wrong during execution!</br>{e}',
        status=report.status.Warn,
        screenshot=True
    )

try:
    # Test10
    report.write_step(
        'Group of 18201052_18201080_18201085',
        status=report.status.Start,
        test_number=1
    )
    driver.find_element(By.NAME, "username").send_keys("69547851")
    print("find username field\n")
    driver.find_element(By.NAME, "password").send_keys("w8789raG")
    print("find password field\n")
    time.sleep(2)

    driver.find_element(By.XPATH, "//input[@type='submit' and @value='Login']").click()
    time.sleep(2)
    driver.find_element(By.XPATH, '//a[contains(@href, "standings")]').click()
    time.sleep(3)
    driver.find_element(By.XPATH, '//a[contains(@href, "password_change")]').click()
    time.sleep(2)

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time.sleep(2)
driver.find_element(By.NAME, "old_password").send_keys("w8789raG")
time.sleep(2)
driver.find_element(By.NAME, "new_password1").send_keys("wG")
time.sleep(2)
driver.find_element(By.NAME, "new_password2").send_keys("wG")

driver.find_element(By.XPATH, "//input[@type='submit' and @value='change
password']").click()

driver.find_element(By.XPATH, '//a[contains(@href, "logout")]').click()
time.sleep(2)

print("Thank You")

# Test Steps
report.write_step(
    'Password Changed',
    status=report.status.Pass,
    screenshot=True
)
except AssertionError:
    report.write_step(
        'Password did not changed',
        status=report.status.Fail,
        screenshot=True
    )
except Exception as e:
    report.write_step(
        f'Something went wrong during execution!</br>{e}',
        status=report.status.Warn,
        screenshot=True
    )

finally:
    report.generate_report()
    driver.quit()

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