import time

import unittest

from selenium import webdriver

from selenium.webdriver import ActionChains

from selenium.webdriver.chrome.service import Service

from selenium.webdriver.common.by import By

from webdriver\_manager.chrome import ChromeDriverManager

"""

Clasa ActionChains din Selenium ne ajuta sa simulam anumite actiuni pe care driverul (clasa WebDriver)

nu le are implementate:

- Context click (click dreapta)

- Dublu click

- Drag and drop

- Scroll

- Apasare du butoane, inclusiv cele speciale (CTRL, ALT, etc) sau combinatii de butoane (CTRL + A)

- etc

"""

class TestContextMenu(unittest.TestCase):

BOX = (By.ID, "hot-spot")

def setUp(self) -> None:

self.service = Service(ChromeDriverManager().install())

self.driver = webdriver.Chrome(service=self.service)

self.driver.get("https://the-internet.herokuapp.com/context\_menu")

self.driver.implicitly\_wait(2)

def tearDown(self) -> None:

self.driver.quit()

# vom deschide un meniu cu click dreapta

def test\_context\_menu(self):

action = ActionChains(self.driver)

elem = self.driver.find\_element(\*self.BOX)

action.context\_click(elem).perform()

time.sleep(3)

self.driver.switch\_to.alert.accept()

time.sleep(2)