Detyrë Kursi : Ndërtimi i një Test Automation – framework duke përdorur Selenium dhe Java

Lënda : Teknologjia e Testimit të Aplikacioneve

Selenium + Java - Miniproject

Project Requirements

1. Automate 4 scenarios using a Selenium framework (Selenium + Java)
2. Use Junit / TestNG
3. Organize the code using Page Object Model structure
4. Use asserts to do the verifications asked in different steps
5. Use wait methods (try avoiding thread.sleep)
6. Configure Screenshot Capture on failure (Not mandatory)
7. Feel free to add any other feature to your mini project
8. Deadline to finish the project implementation is 20.05.2024

Test 1: Register Test

1. Navigate to : https://demo.nopcommerce.com/
2. Click *LogIn* - Menu

| Register | Log in | Wishlist (0) | 🛍 Shopping cart (0) |

3. Click *Register* - button

REGISTER

4. Check the title of the page after clicking Register button
5. Fill the register form as below:

Register

Your Personal Details

Gender: ○ Male ○ Female

First name: [_____] *

Last name: [_____] *

Date of birth: [Day ▾] [Month ▾] [Year ▾]

Email: [_____] *

Company Details

Company name: [_____]

Options

Newsletter: ☑

Your Password

Password: [_____] *

Confirm password: [_____] *

REGISTER

6. Verify that register is successful

| Computers | Electronics | Apparel | Digital downloads | Books | Jewelry | Gift Cards |

Register

Your registration completed

CONTINUE

Test 2: Login Test

1. Navigate to : https://demo.nopcommerce.com/
2. Click *LogIn* - Menu
3. Login with the credentials created from Test 1

Returning Customer

Email:

Password:

☐ Remember me?   Forgot password?

LOG IN

4. Verify that login is successful:
- "Welcome to our store text" - is displayed
- Log out - Menu is displayed
5. Log out

Test 3: Dashboard Test

Precondition: Log in nopCommerce Application

1. Hover over Computers Menu
2. Click Notebooks
3. Verify that we have navigate to Notebooks Page
4. Add the second and the third item on wishlist
5. Verify that after every item added a notification with text : The product has been added to your wishlist – is displayed
6. Add the fourth, fifth and sixth item on Shopping Cart
7. Verify that after every item added a notification with text : The product has been added to your shopping cart – is displayed
8. Verify that Wishlist on Menu bar displays 2
9. Verify that Shopping Cart on Menu bar displays 3
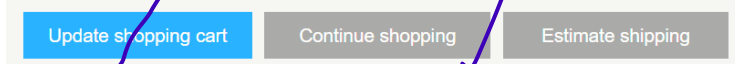
Wishlist (2)   🛍 Shopping cart (3)

10. Close the browser

Test 4: Shopping Cart Test

Precondition: Test 3

1. Hover over Shopping Cart – Menu
2. Verify that 'Go To Cart' – button is displayed
3. Click 'Go To Cart' – button
4. Verify that we have navigate to Shopping Cart Page

5. Verify that following buttons are displayed

| Update shopping cart | Continue shopping | Estimate shipping |

6. Verify that the prices sum for all items is equal to Total Price in the end of the page

Shopping cart

SKU	Image	Product(s)	Price	Qty.	Total	Remove
HP_SPX_UB		HP Spectre XT Pro UltraBook	$1,350.00	1	$1,350.00	✕
HP_ESB_15		HP Envy 6-1180ca 15.6-Inch Sleekbook	$1,460.00	1	$1,460.00	✕
LE_TX1_CL		Lenovo Thinkpad X1 Carbon Laptop	$1,360.00	1	$1,360.00	✕

| Update shopping cart | Continue shopping | Estimate shipping |

Gift wrapping *

No ▼

Gift wrapping: No

Discount Code
Enter your coupon here

| APPLY COUPON |

Sub-Total: $4,170.00
Shipping: $0.00
Tax: $0.00
Total: $4,170.00

7. Click "Update shopping cart" – button
8. Check checkbox with text: I agree with the terms of service and I adhere to them unconditionally

☐ I agree with the terms of service and I adhere to them unconditionally (read)

.   CHECKOUT

9. Click "Checkout" – button
10. Verify "First name", "Last name" and "Email" input fields displays the values you entered while Register.

1	Billing address

☑ **Ship to the same address**

First name:	test	*
Last name:	test	*
Email:	test12@gmail.com	*
Company:		
Country:	Select country	*
State / province:	Select state	
City:		*
Address 1:		*
Address 2:		
Zip / postal code:		*
Phone number:		*
Fax number:		

CONTINUE

11. Fill in the information needed in Billing Address form
12. Click "Continue" - button
13. In Shipping method, select the second option (Next Day Air)

3	Shipping method

○ Ground ($0.00)	◉ Next Day Air ($0.00)	○ 2nd Day Air ($0.00)
Shipping by land transport	The one day air shipping	The two day air shipping

↩ Back

CONTINUE

14. Click "Continue" – button
15. In Payment method select the first option (Check/Money Order)

4	Payment method

◉ **Check / Money Order**
Pay by cheque or money order

○ **Credit Card**
Pay by credit / debit card

↩ Back

CONTINUE

16. Click "Continue" – button
17. In Payment Information click "Continue" – button

5	Payment information

Mail Personal or Business Check, Cashier's Check or money order to:

NOP SOLUTIONS
your address here,
New York, NY 10001
USA

Notice that if you pay by Personal or Business Check, your order may be held for up to 10 days after we receive your check to allow enough time for the check to clear. If you want us to
ship faster upon receipt of your payment, then we recommend your send a money order or Cashier's check.
P.S. You can edit this text from admin panel.

↩ Back

CONTINUE

18. In Confirm Order, verify that the price displayed in Total is the same as the one in step 6.
19. Click "Confirm" – button
20. Verify your order is done successful and an order number is displayed.

Thank you

Your order has been successfully processed!

ORDER NUMBER: 1051
Click here for order details.

21. Close the browser