Testing Team

Test Case Template

Faculty of mathematics and informatics

Course: Software quality assurance

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1. Tests Information

1.1 Tests type

Functional Tests

1.2 System Under Test

System name: *https://www.technopolis.bg/bg/*

Version: *08 January 2022*

Short description of the system:

The website of one of the biggest Bulgarian chain stores for all types of electronics.

1.3 Tests Personnel

Name: *Radoslav Velkov*	Date: *08 January 2022*	Time/h: ≈ *25 hours*
Name: *Petya Petrova*	Date: *08 January 2022*	Time/h: ≈ *25 hours*

2.Tests Summary

2.1 Results

Total number of test cases:	*22*
Total number of test cases passed:	*19*
Total number of test cases failed:	*3*
Total number of bugs found:	*5*

3.Test Cases

3.1 Registration with correct input data

Special Instructions

After one execution of the test case, a registration with the given info occurs successfully. Afterwards, when the test is run again, the registration is already done and cannot be re-done.

Test Case ID	test_reg_correctData	
Description	Tests the registration page inputting correct data.	
Applicable for	Google Chrome	
Initial Conditions	The user should not be registered or logged in.	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open the main page of the site.	https://www.technopolis.bg/bg/ is loaded.
2	Check if the "ВХОД" button is present using assert element present.	The button is present.
3	Click on "ВХОД" button.	Advancing in the website. https://www.technopolis.bg/bg/login is loaded.
4	Check if the "РЕГИСТРИРАЙ СЕ" button is present using assert element present.	The button is present.
5	Click on "РЕГИСТРИРАЙ СЕ" button.	Advancing in the website. https://www.technopolis.bg/bg/register is loaded.
6	Select "Г-н" from "Обръщение" dropdown menu.	"Г-н" is selected.
7	Click on "Име" field.	"Име" field is selected.
8	Type "firstName" in it.	"firstName" is written in the field.
9	Click on "Фамилия" field.	"Фамилия" field is selected.
10	Type "lastName" in it.	"lastName" is written in the field.
11	Click on "E-mail" field.	"E-mail" field is selected.
12	Type "myEmail@abv.bg" in it.	"myEmail@abv.bg" is written in the field.
13	Click on "Телефон" field.	"Телефон" field is selected.
14	Type "0881234567" in it.	"0881234567" is written in the field.

15	Click on "Парола" field.	"Парола" field is selected.
16	Type "password123" in it.	"password123" is written in the field.
17	Click on "Потвърдете парола" field.	"Потвърдете парола" field is selected.
18	Type "password123" in it.	"password123" is written in the field.
19	Click on "Приемам Общите условия" checkmark.	"Приемам Общите условия" is ticked.
20	Check if "ЗАПАЗВАНЕ" button is present using assert element present.	The button is present.
21	Click on "ЗАПАЗВАНЕ" button.	The button is clicked.
Test verdict	Passed	

Comments:

The registration is completed successfully. The user is now signed in into their new profile.

Each run of the test case after the first one, gives an error message stating that a registration with the given email already exists. ("Съществува регистрация с предоставения email.").

3.2 Registration with different password in confirmation from original

Special Instructions

NONE

Test Case ID	test_reg_notSamePasswords	
Description	Tests the registration page when inputting two different passwords in the original and the confirmation fields.	
Applicable for	Google Chrome	
Initial Conditions	The user should not be registered or logged in.	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open the main page of the site.	https://www.technopolis.bg/bg/ is loaded.
2	Check if the "ВХОД" button is present using assert element present.	The button is present.
3	Click on "ВХОД" button.	https://www.technopolis.bg/bg/login is loaded.

4	Check if the "РЕГИСТРИРАЙ СЕ" button is present using assert element present.	The button is present.
5	Click on "РЕГИСТРИРАЙ СЕ" button.	https://www.technopolis.bg/bg/register is loaded.
6	Select "Г-н" from "Обръщение" dropdown menu.	"Г-н" is selected.
7	Click on "Име" field.	"Име" field is selected.
8	Type "firstName" in it.	"firstName" is written in the field.
9	Click on "Фамилия" field.	"Фамилия" field is selected.
10	Type "lastName" in it.	"lastName" is written in the field.
11	Click on "E-mail" field.	"E-mail" field is selected.
12	Type "myEmail@abv.bg" in it.	"myEmail@abv.bg" is written in the field.
13	Click on "Телефон" field.	"Телефон" field is selected.
14	Type "0881234567" in it.	"0881234567" is written in the field.
15	Click on "Парола" field.	"Парола" field is selected.
16	Type "password123" in it.	"password123" is written in the field.
17	Store the written value in a variable "pass"	Variable "pass" now has value "password123".
18	Click on "Потвърдете парола" field.	"Потвърдете парола" field is selected.
19	Type "12passw" in it.	"12passw" is written in the field.
20	Store the written value in a variable "pass2".	Variable "pass2" now has value "12passw".
21	Check if the two passwords are equal using if-else operator.	Check if the passwords are equal.
22	If they are: Print in log "Both passwords are equal" and the password itself.	Executes only if the "if" condition is true.
23	"else" operator.	Begins body of "else".
24	If they are not: Print in log "Password not equal" and the two passwords.	Executes only if the "if" condition is false.
25	"end" operator	Ends "if-else" operator
26	Click on "Приемам Общите условия" checkmark.	"Приемам Общите условия" is ticked.
27	Check if "ЗАПАЗВАНЕ" button is present using assert element present.	The button is present.
28	Click on "ЗАПАЗВАНЕ" button.	The button is clicked.
Test verdict	Passed	

Comments:

The registration is not completed. A user is not able to register a new profile inputting different

passwords in the two corresponding fields. Although there is an issue with the registration, no error message appears anywhere to inform the user what the problem is.

3.3 Registration without filling information in the fields

Special Instructions

NONE

Test Case ID	test_reg_notFilledFields	
Description	Tests the registration page by not inputting information in the needed fields.	
Applicable for	Google Chrome	
Initial Conditions	The user should not be registered or logged in.	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open the main page of the site.	https://www.technopolis.bg/bg/ is loaded.
2	Check if the "ВХОД" button is present using assert element present.	The button is present.
3	Click on "ВХОД" button.	https://www.technopolis.bg/bg/login is loaded.
4	Check if the "РЕГИСТРИРАЙ СЕ" button is present using assert element present.	The button is present.
5	Click on "РЕГИСТРИРАЙ СЕ" button.	https://www.technopolis.bg/bg/register is loaded.
6	Check if "ЗАПАЗВАНЕ" button is present using assert element present.	The button is present.
7	Click on "ЗАПАЗВАНЕ" button.	The button is clicked.
Test verdict	Passed	

Comments:

A message in red text is displayed under each field that needs to be filled:

„Моля, въведете обръщение“; „Моля, въведете Име“; „Моля, въведете Фамилия“;
„Моля, въведете e-mail“; „Моля, въведете Телефон“; „Минималната дължина трябва да е 6 знака“; „Моля, приемете общите условия!“.

Testers: Radoslav Velkov, Petya Petrova   Date: 08 January 2022

3.4 Filling registration data using local variables

Special Instructions

After one execution of the test case, a registration with the given info occurs successfully. Afterwards, when the test is run again, the registration is already done and cannot be re-done.

Test Case ID	test_reg_fillDataUsingVars	
Description	Tests the registration page by inputting the needed information in the fields using local variables defined and initialized in Selenium IDE	
Applicable for	Google Chrome	
Initial Conditions	The user should not be registered or logged in.	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open the main page of the site.	https://www.technopolis.bg/bg/ is loaded.
2	Check if the "ВХОД" button is present using assert element present.	The button is present.
3	Click on "ВХОД" button.	https://www.technopolis.bg/bg/login is loaded.
4	Check if the "РЕГИСТРИРАЙ СЕ" button is present using assert element present.	The button is present.
5	Click on "РЕГИСТРИРАЙ СЕ" button.	https://www.technopolis.bg/bg/register is loaded.
6	Select "Г-н" from "Обръщение" dropdown menu.	"Г-н" is selected.
7	Declare a variable "fname" and give it value "Georgi"	"fname" is declared, having value "Georgi"
8	Declare a variable "lname" and give it value "Ivanov"	"lname" is declared, having value "Ivanov"
9	Declare a variable "mail" and give it value "gIvanov@gmail.com"	"mail" is declared, having value "gIvanov@gmail.com"
10	Declare a variable "phone" and give it value "0887999999"	"phone" is declared, having value "0887999999"
11	Declare a variable "pass" and give it value "toppass123"	"pass" is declared, having value "toppass123"
12	Click on "Име" field.	"Име" field is selected.

13	Type the value of "fname" in it.	"Georgi" is written in the field.
14	Click on "Фамилия" field.	"Фамилия" field is selected.
15	Type the value of "lname" in it.	"Ivanov" is written in the field.
16	Click on "E-mail" field.	"E-mail" field is selected.
17	Type the value of "mail" in it.	"gIvanov@gmail.com" is written in the field.
18	Click on "Телефон" field.	"Телефон" field is selected.
19	Type the value of "phone" in it.	"0887999999" is written in the field.
20	Click on "Парола" field.	"Парола" field is selected.
21	Type the value of "pass" in it.	"toppass123" is written in the field.
22	Click on "Потвърдете парола" field.	"Потвърдете парола" field is selected.
23	Type the value of "pass" in it.	"toppass123" is written in the field.
24	Click on "Приемам Общите условия" checkmark.	"Приемам Общите условия" is ticked.
25	Check if "ЗАПАЗВАНЕ" button is present using assert element present.	The button is present.
26	Click on "ЗАПАЗВАНЕ" button.	The button is clicked.
Test verdict	Passed	

Comments:

The registration filling the fields with Selenium IDE variables is completed successfully. The user is now signed in into their new profile. After the first run of the test case, the message "Съществува регистрация с предоставения email." occurs, preventing registering another profile with the same data.

3.5 Accessing extra actions during the process of registration

Special Instructions

NONE

Test Case ID	test_reg_accessExtraActions
Description	Tests the registration page by accessing different parts of it that are just informative and not mandatory during the process of registration.

Applicable for	Google Chrome	
Initial Conditions	The user should not be registered or logged in.	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open the registration page of the site.	https://www.technopolis.bg/bg/register is loaded.
2	Click on "Информация сигурност и защита на данни" label.	Additional info regarding information security and data protection is shown.
3	Highlighting text with mouse cursor (not shown when running the test).	To highlight particular part of the whole text. This does not happen when running the test.
4	Click on the highlighted text "Общите условия".	Opens the URL https://www.technopolis.bg/bg/terms-and-conditions.
5	Store window handle.	Targeting the root element. Automatically generated command.
6	Select window.	handle=${win6041}. Automatically generated command.
7	Click on the www.technopolis.bg link in the header message, below "Общи условия".	Redirects to the main page.
Test verdict	Passed	

Comments:

Simple test case to check how accessing different minor options happens in the registration form. No issuer were found.

3.6 Using live chat support during registration

Special Instructions

The browser's cache is recommended to be cleared before running this test case.

Test Case ID	test_reg_useLiveChat
Description	Tests the registration page by accessing the live chat support. Writing a message there and leaving.

Applicable for	Google Chrome	
Initial Conditions	The user should not be registered or logged in.	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open the registration page of the site.	https://www.technopolis.bg/bg/register is loaded.
2	Select frame, because the page contains iframes and we are interacting with it.	Index=8. Automatically generated command.
3	Wait 8 seconds for live chat bubble button using wait for element present.	If the cache is not cleared this button is not present and the test case fails here. Otherwise, continues.
4	Move mouse over the iframe.	Slight visual change on the button.
5	Click on the iframe.	A new smaller window is opened.
6	Select frame.	Automatically generated because of the iframe.
7	Select frame.	Automatically generated because of the iframe.
8	Type "John" in the name field.	"John" is written.
9	Type "johnHenry@gmail.com" in the email field.	"johnHenry@gmail.com" is written.
10	Click on "Започнете чата" button.	Live chat window with a robot appears.
11	Type "Hi! I have an issue.".	"Hi! I have an issue." is written.
12	Click the button to send the text.	The text is sent.
13	Run script.	window.scrollTo(0,0) – automatically generated.
14	Mouse over.	css=.e1mwfyk10:nth-child(5) > .lc-1mpchac – automatically generated.
15	Click	css=.e1mwfyk10:nth-child(5) path – automatically generated.
16	Click	css=.e1mwfyk10:nth-child(5) path – automatically generated.
17	Click	css=.e1mwfyk10:nth-child(5) path – automatically generated.
18	Click	css=.e1mwfyk10:nth-child(5) path – automatically generated.
19	Wait 8 seconds for "X" button for closing using wait for element present.	Here the test fails inevitably. Not being able to close the chat.
20	Click confirmation button to close the live chat.	Closes the live chat window ultimately. Test does not reach that step!
21	Run script.	window.scrollTo(0,0) – automatically generated. Test does not reach that step!
Test verdict	Failed	

Testers: Radoslav Velkov, Petya Petrova   Date: 08 January 2022

Comments:

The browser's cache is recommended to be cleared before running this test case. This is owing to the fact that during the first run a special "bubble" button is opened and manipulated, which prompts a live chat correspondence and all of the info is saved. The opened and saved info prevents the test case from advancing further than the third step, because that button is no longer there.

The test case fails either way. Step 19 cannot be passed, because for some reason the "close" button (marked "X") cannot be clicked. The process ends there and step 20 and 21 are never executed as well.

3.7 Search for a concrete item

Special Instructions

In order to be able to see and click on the search bar, the browser window must be horizontally long enough. Best option is to be opened in full screen.

Test Case ID	test_search_concreteItem	
Description	Tests the search engine by searching a particular item. In the search bar in the main page, the item's whole name is written.	
Applicable for	Google Chrome	
Initial Conditions	The web page should be opened in full screen (or at least large enough).	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open the main page.	https://www.technopolis.bg/bg/ is successfully accessed.
2	Click on the search bar.	Now the user is able to write there.
3	Type "Конзола PLAYSTATION 5 PS5" in the search bar.	"Конзола PLAYSTATION 5 PS5" is written.
4	Click on the advance button to look if the item is present in the website.	A new page of the website is opened, where the product is located.
5	Click on the item itself – "Конзола PLAYSTATION 5 PS5" with an image above the name.	The page of the item is opened - https://www.technopolis.bg/bg/Konzoli/ Konzola-PLAYSTATION-5/p/32837.
6	Click on "Характеристики" field.	A long list of characteristics is shown below.
Test verdict	Passed	

Comments:

The test passes. Searching for a concrete item is done successfully by typing its exact name (or part of it). Shown results are sorted in order that the most corresponding ones are shown first.

3.8 Search for a non-existent item

Special Instructions

In order to be able to see and click on the search bar, the browser window must be horizontally long enough. Best option is to be opened in full screen.

Test Case ID	test_search_nonExistentItem	
Description	Tests the search engine by typing in the search bar a non-existent item among the available products – which name is not even present in any description of any product.	
Applicable for	Google Chrome	
Initial Conditions	The web page should be opened in full screen (or at least large enough).	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open the main page.	https://www.technopolis.bg/bg/ is successfully accessed.
2	Store the text "чанта от гибралтар"`in a variable named "item".	An "item" variable is initialized with value "чанта от гибралтар".
3	Click on the search bar.	The search bar is selected.
4	Type the value of "item" in it.	"чанта от гибралтар" is written in the search bar.
5	Press the ENTER key on the user's keyboard.	The written text is being searched throughout the whole site.
Test verdict	Passed	

Comments:

Typing in the search bar this time is not done manually by the user, but automatically, using a variable in Selenium IDE. Advancing in the search process is done differently as well. In this test it is executed by pressing the ENTER key, not by clicking on the "magnifying glass" icon.

Testers: Radoslav Velkov, Petya Petrova   Date: 08 January 2022

The test passes. The end result is showing a screen with one central label – "Намерени: 0" and a crossed magnifying glass symbol below it. It states that no relating items were found on the website.

3.9 Search using dropdown menu

Special Instructions

NONE

Test Case ID	test_search_usingDropdownMenu	
Description	Tests the search engine by clicking on different categories, subcategories and items in the dropdown menu on the main page.	
Applicable for	Google Chrome	
Initial Conditions	NONE	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open the main page.	https://www.technopolis.bg/bg/ is successfully accessed.
2	Click on the dropdown menu icon left from the search bar.	Menu with all main categories is displayed.
3	Move the mouse over "Спорт и свободно време" category.	Subcategories of "Спорт и свободно време" are shown to the right.
4	Click on "Фенери".	https://www.technopolis.bg/bg//Sport-i-svobodno-vreme/Feneri/c/P11060601 is loaded.
5	Click on product "Фенер VARTA 16601".	https://www.technopolis.bg/bg/Feneri/Fener-VARTA-16601/p/361421 is loaded.
6	Click on "Документация".	Additional info about the documentation is shown below in the form of a file that can be opened.
7	Again click on the dropdown menu icon.	Menu with all main categories is displayed.
8	Move the mouse over "Малки електроуреди" category.	"Малки електроуреди"'s subcategories are shown.
9	Click on "Кафемашини и автомати".	"Кафемашини и автомати"'s subcategories are shown.

10	Click on "Кафеавтомати".	https://www.technopolis.bg/bg//Malki-elektrouredi/Kafemashini-i-kafeavtomati/Kafeavtomati/c/P1113141 01 is opened.
Test verdict	Passed	

Comments:

Test passed successfully. Multiple categories were opened, immediately one after another and no issues were found.

3.10 Extract text from fields

Special Instructions

NONE

Test Case ID	test_text_extractingTextFromFields	
Description	Tests how extracting text from fields works. Store the text in local variables in Selenium IDE and print their values in the log. The user is able to read them that way.	
Applicable for	Google Chrome	
Initial Conditions	NONE	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open https://www.technopolis.bg/bg/Malki-elektrouredi/Kafemashini-i-kafeavtomati/Kafeavtomati/c/P11131401	https://www.technopolis.bg/bg/Malki-elektrouredi/Kafemashini-i-kafeavtomati/Kafeavtomati/c/P1113141 01 is loaded.
2	Using "store text" command extract the number of found items in category "Кафеавтомати" from field "Намерени: 37" and store it in a variable names "qty".	Variable "qty" (which stands for quantity) has value "37" as text.
3	If the value of quantity is less than 50.	Converts text to number and compares it with 50. Returns true or false.
4	Using "echo" print "${qty} items found, which is less than 50" if the return statement was "true".	Prints "echo: 37 items found, which is less than 50" in user log.
5	Else	Executes only if return statement from the condition is "false".

6	Using "echo" print "${qty} items found, which is not less than 50" if the return statement was "false".	Not executed.
7	End	Ends if-else block.
8	Click on specific product "Кафеавтомат PHILIPS SERIES 800 EP0824/00 15 bar, 1.8 L, ЧЕРНО".	Opens https://www.technopolis.bg/bg/Kafeavt omati/Kafeavtomat-PHILIPS-SERIES-800-EP0824-00/p/800041.
9	Using "store text" command extract the price of the product and store it in a variable called "prc".	Variable "prc" has text value "539 . 99".
10	Using "echo" print "Price of product is ${prc}" in the log.	Displays "echo: Price of product is 539 . 99" in log.
Test verdict	Passed	

Comments:

Test passed. Extracting text from fields works well. It even converts the text to numbers with can be used in mathematical expressions. A small issue could be considered that in floating point numbers there are additional spaces before and after the decimal point, like here: "539 . 99".

3.11 Add items in favorites

Special Instructions

Specific page must be opened - https://www.technopolis.bg/bg//Smartfoni-mobilni-telefoni-i-tableti/Smartfoni-i-mobilni-telefoni/c/P11040101?text=&pageselect=30&pricerange=&attr-2-10=SAMSUNG&layout=Grid&sort=price-asc&ajaxLoad=false&q=%3Aprice-asc%3Abrand%3ASAMSUNG.

Test Case ID	test_favorites_addItems
Description	Tests the favorites list system by adding particular items in it using while loop in Selenium IDE.
Applicable for	Google Chrome
Initial Conditions	It is recommended that the user is logged in a profile. It is also recommended that its favorites list is empty, or at least those six specific products are not in it.
Test Step ID	**Test Step Description**	**Expected Result**

	Open the address https://www.technopolis.bg/bg//Smartfoni-mobilni-telefoni-i-tableti/Smartfoni-i-mobilni-telefoni/c/P11040101?text=&pageselect=30&pricerange=&attr-2-10=SAMSUNG&layout=Grid&sort=price-asc&ajaxLoad=false&q=%3Aprice-asc%3Abrand%3ASAMSUNG.	The page is loaded and accessed.
1		
2	Create a variable "i" with initial value 1 using "execute script" command.	A local variable is declared and initialized.
3	Iterate a total of 6 times, until the value of "i" reaches 6 using while loop.	While loop starts iterating.
4	The body of the loop: Click on a specific place in the page (favorites button). Each iteration it changes according to the value of "i".	Each time a different item is added in favorites.
5	Each iteration increment the value of the counter variable with one using "execute script".	"i" changes value to (its current + 1)
6	End the while loop	While loop terminates.
Test verdict	Passed	

Comments:

Test case passed. Six items were added to the user's favorites list. It's recommended that the user's favorites list is empty, or at least those six specific products are not in it, because otherwise the result of the test case cannot be observed by the user executing it.

3.12 Add and multiply item in cart

Special Instructions

The test is meant to be executed on a profile with empty cart.

Test Case ID	test_cart_addAndMultiplyItem
Description	Tests the adding of item in cart. After that, tests multiplying the quantity of that item in the cart.
Applicable for	Google Chrome

Initial Conditions	It is recommended that the user is logged in.	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open webpage https://www.technopolis.bg/bg//TV%2C-Video-i-Gaming/Televizori/c/P11090104.	Webpage is loaded.
2	Click on a particular item's "КУПИ" button.	Add that item into the cart. Load https://www.technopolis.bg/bg/cart page.
3	Create a "counter" variable equal to 1.	counter = 1.
4	Do	Begin a do-repeat if loop.
5	Body of loop: Click on the "+" button to add one more to the current item quantity.	The quantity is incremented with 1.
6	Increment the counter variable with one.	counter = counter + 1.
7	Repeat if (loop condition) the value of "counter" is less than 5.	Executes the loop exactly 4 times.
8	Using "pause" command, make the system wait for 5 seconds.	The testing process pauses for 5000 milliseconds.
9	Retrieve text of the total final price into a variable.	Variable "finalPrice" is now equal to 999 . 95.
10	Display "Total price is ${finalPrice}".	"echo: Total price is 999 . 95" is printed in log.
11	Click on the "X" sign to close the cart page.	Returns the user to the main page.
Test verdict	Passed	

Comments:

With the initial adding of the product into the cart, its quantity is 1. After 4 iterations of the do-repeat if loop, the quantity is exactly 5 (with total price of 999.95). After that, make the system wait for 5 seconds, because it takes about 1-3 seconds after each incrementation of the quantity for the total price to be updated. If the 9-th command is executed right after the loop terminates, it retrieves the total price of 4 items (which is 799.96) and stores it into the variable, thus making the echo result wrong. With this pause, we give the page enough time to reload and retrieve 999 . 95 as final price.

The test case passes. No other issues than the aforementioned, which in our opinion is not a bug, were found. This immediate action and wrong text extraction is a product of bad cooperation of the Selenium IDE and the website, not a problem for neither of them.

3.13 Verify cart data

Special Instructions

This test must be run right after "3.12 Add and multiply item in cart", because it uses the already added items in the cart.

Test Case ID	test_cart_verifyData	
Description	Tests the text (and data at all) in the cart page using "verify" command and its variations.	
Applicable for	Google Chrome	
Initial Conditions	The user must be logged in and have the specific 5 items from test 3.12 added into his cart.	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open site's cart page.	https://www.technopolis.bg/bg/cart is loaded.
2	Store the title name in a variable.	Variable "cartPageTitle" now has value "Вашата Количка | Технополис БГ".
3	Using "verify" command, check if the value of "cartPageTitle" matches the string "Techonopolis Cart".	A message "Failed: Actual value 'Вашата Количка | Технополис БГ' did not match 'Techonopolis Cart'" is shown in the log.
4	Print the message "Page's official title is ${cartPageTitle}".	The message in printed in log.
5	Store the total price of the 5 products in variable "price".	price = 999 . 95.
6	"verify" whether the value of price is "999 . 95".	Message "Failed: Actual value '999 . 95' did not match '999 . 95'" is displayed.
7	Using "verify element present", verify that the top right "Technopolis" logo is available.	Verification is successful.
8	Using "verify editable", verify that the quantity number (the one between the "-" and "+" sign of the item) is editable.	Verification is successful.
9	Using "verify checked", verify whether the checkbox on label "Поръчай сега от: Технополис София Младост и Вземи днес" is checked.	Verification is not successful. Log message: "Failed: Element with locator id=pickup0 is not checked".
10	Using "verify checked", verify whether the checkbox on label "Доставка до пощенски код 1000" is checked.	Verification is successful.
Test verdict	Failed	

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Comments:

Test case fails in 3 of the 10 steps, which leads to an eventual "fail". The first fail occurs in step #3, because the manually entered string "Technopolis Cart" does not match the page title. The second fail is at step 6, where for some unknown reason the actual value 999 . 95 does not match 999 . 95, manually input. The final fail is at step 9, because intentionally the top checkbox there is not checked.

Although there are three fails (red "X"s) during the whole test case, it goes through all 10 steps. This is due to the fact that, we are using "verify" command and its variations, which, regardless of their outcome, do not terminate the whole testing process. No bugs on the website were found.

3.14 Change site language multiple times

Special Instructions

Initial language should be Bulgarian. The test changes it to English, then again to Bulgarian and then again to English.

Test Case ID	test_language_changeLanguageMultipleTimes	
Description	Tests the language of the site by switching between Bulgarian and English multiple times, starting from Bulgarian.	
Applicable for	Google Chrome	
Initial Conditions	Initial language should be Bulgarian.	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open the main page.	https://www.technopolis.bg/bg/ is loaded.
2	Create a counter variable.	i = 0.
3	Initiate a while loop to iterate while "i" is less than 3.	Executes the body exactly 3 times.
4	Verify whether the language button is present.	Verification is successful.
5	Click on that button.	The language changes to the opposite – Bulgarian to English and vice versa.
6	Pause the program for 2,5 seconds.	The program pauses for 2500 milliseconds and during that time the page loads in the new language.
7	Using "store text", retrieve the text in the top menu button in variable.	menu = Menu or menu = Меню.

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8	The same way, store the value of the "BROCHURE" button in a variable.	brochure = BROCHURE or brochure = ПРОДУКТИ ОТ БРОШУРАТА
9	Print in log: "Menu button: ${menu}. Brochure button: ${brochure}".	In first and third iteration, prints: "echo: Menu button: Menu. Brochure button: BROCHURE". In the second – "echo: Menu button: Меню. Brochure button: ПРОДУКТИ ОТ БРОШУРАТА".
10	i++.	Increments "i" with one.
11	End while loop.	Body terminates.
Test verdict	Passed	

Comments:

The site supports two languages – Bulgarian and English. Switching between them is done simply by pressing one button on the top. Here, we do it 3 times, using while loop. At each iteration, we check if the change has been done (giving the system 2,5 seconds to load), by printing two of the main text values in the Selenium IDE user log.

The test case passes and no bugs or issues connected with the language were found.

3.15 Change language in item page

Special Instructions

Initial language should be Bulgarian. The test changes it to English, then again to Bulgarian.

Test Case ID	test_language_changeLanguageInItem
Description	Tests the language in a particular item page. Changes it once from Bulgarian to English and check using "verify". Then switches again and verifies.
Applicable for	Google Chrome
Initial Conditions	Initial language should be Bulgarian.

Test Step ID	Test Step Description	Expected Result
1	Open a page in specific item.	https://www.technopolis.bg/bg/Smartfoni-i-mobilni-telefoni/Smartfon-GSM-APPLE-IPHONE-14-PRO-GOLD/p/577194 is loaded.

2	Create variable "cnt" with value 0.	cnt = 0.
3	Create variable "descr" with value "Описание".	descr = Описание.
4	Start a do-repeat if loop.	Loop begins. Executes 2 times.
5	Retrieve the text in the description/описание field of the product (below its image).	Variable "name" is equal to "Описание" the first iteration and to "Description" – the second.
6	Verify that the value of "name" is equal to the value of "descr".	Prints in log as a proof: "verify on name with value ${descr} OK".
7	Click on language button to switch languages.	First iteration: BG -> ENG Second iteration: ENG -> BG.
8	Pause the process for 2,5 seconds.	Selenium IDE waits 2,5 sec before continuing the test cast.
9	Using "execute script", change the value of "cnt" with its current + 1.	cnt = 1. cnt = 2.
10	Using "store", change the value of "descr" to "Description".	descr = Description. descr = Description.
11	Repeat if the value of "cnt" is less than 2.	That condition is true only once (during the first iteration).
Test verdict	Passed	

Comments:

Test passes. The do-repeat if loop executes 2 times. The condition is true only once (when cnt becomes 1). During both iterations, the log message "verify on name with value ${descr} OK" assures us that the language is the correct one – first time it's Bulgarian and „Описание" matches "Описание", whereas the second time – "Description" matches "Description", both times retrieved from the same field. No bugs were found.

3.16 Login with correct user data

Special Instructions

NONE

Test Case ID	test_log_correctData
Description	Tests the login page inputting correct data and save the data
Applicable for	Google Chrome

Initial Conditions	The user should be logged out.	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open site's login page.	https://www.technopolis.bg/bg/ is loaded.
2	Set the window size to 1552x840	Window size is set to 1552x840
3	Check if the "ВХОД" button is present using assert element present.	The button is present.
4	Click on "ВХОД" button.	The https://www.technopolis.bg/bg/login is loaded.
5	Click on "Електронна поща" field.	"Електронна поща" field is selected.
6	Type "myEmail@abv.bg" in it.	"myEmail@abv.bg" is written in the field.
7	Click on "Парола" field.	„Парола" field is selected.
8	Type "password123" in it.	"password123" is written in the field.
9	Click on "Запомни ме" checkmark.	"Запомни ме" is ticked.
10	Check if the "ВХОД" button is present using assert element present.	The button is present.
11	Click on "ВХОД" button.	The https://www.technopolis.bg/bg/?logoutP=logoutP is loaded.
12	Check if the "ИЗХОД" button is present using assert element present.	The button is present.
13	Click on "ИЗХОД" button.	The https://www.technopolis.bg/bg/?logoutP=logoutP is loaded.
Test verdict	Passed.	

Comments: The login is completed successfully. System redirected us to the home page. The user is now logged into the Technopolis mail page.

1.Username and password have been successfully validated

2. The login button is functional

3. The „Запомни ме" function works as expected, i.e. username and password have been saved for the next login session.

3.17 Login with incorrect username and correct password

Special Instructions

NONE

Test Case ID	test_log_incorrectUsername	
Description	Tests the login page inputting incorrect username, but correct password	
Applicable for	Google Chrome	
Initial Conditions	The user should be logged out.	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open site's login page.	https://www.technopolis.bg/bg/ is loaded.
2	Set the window size to 1536x824	The window size is set to 1536x824
3	Check if the "ВХОД" button is present using assert element present.	The button is present.
4	Click on "ВХОД" button.	The https://www.technopolis.bg/bg/login is loaded.
5	Click on "Електронна поща" field.	"Електронна поща" field is selected.
6	Double click on "Електронна поща" field.	"Електронна поща" field is selected.
7	Click on "Електронна поща" field.	"Електронна поща" field is selected.
8	Type "myEmail" in it.	"myEmail" is written in the field.
9	Double click on "Парола" field.	"Парола" field is selected.
10	Click on "Парола" field.	"Парола" field is selected.
11	Type "password123" in it.	"password123" is written in the field.
12	Check if the "ВХОД" button is present using assert element present.	The button is present.
13	Click on "ВХОД" button.	Showed a message that must include in username and the symbol '@'.
14	Click on "Електронна поща" field.	"Електронна поща" field is selected.
15	Type "myEmail@abc.bg" in it.	"myEmail@abc.bg" is written in the field.
16	Click on "ВХОД" button.	Showed a message "Грешно потребителско име или парола.".
Test verdict	Passed.	

Comments: Login data validation was successful, i.e. the test successfully rejected the login based on incorrect username. Error message for invalid email address successfully displayed.

3.18 Login with correct username and incorrect password

Special Instructions

NONE

Test Case ID	test_log_incorrectPassword	
Description	Tests the login page inputting incorrect password, but correct username	
Applicable for	Google Chrome	
Initial Conditions	The user should be logged out.	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open site's login page.	https://www.technopolis.bg/bg/ is loaded.
2	Set the window size to 1536x824	The window size is set to 1536x824
3	Click on "ВХОД" button.	The https://www.technopolis.bg/bg/login is loaded.
4	Click on "Парола" field.	"Парола" field is selected.
5	Type "123password" in it.	"123password" is written in the field.
6	Click on "Електронна поща" field.	"Електронна поща" field is selected.
7	Type "myEmail@abv.bg" in it.	"myEmail@abv.bg" is written in the field.
8	Click on "Запомни ме" checkmark.	"Запомни ме" is ticked.
9	Click on "ВХОД" button.	Showed a message "Грешно потребителско име или парола.".
10	Click on "Забравена парола?" button.	Opened a new mini tab where to input email.
11	Click on "Email адрес" field.	"Email адрес" field is selected.
12	Type "myEmail@abv.bg" in it.	"myEmail@abv.bg" is written in the field.
13	Click on "ИЗПРАТИ EMAIL" button.	Showed a message "Изпратихме ви имейл с линк за промяна на паролата." And receiving an email

14	Click on the close button from the form.	Closed the form.
Test verdict	Passed.	

Comment: Login data validation was successful, i.e. the test successfully rejected the login based on incorrect password. The respective error message "Грешно потребителско име или парола." Is correctly displayed

3.19 Login with incorrect username and incorrect password

Special Instructions

NONE

Test Case ID	test_log_incorrectInput	
Description	Tests the login page inputting incorrect username and incorrect password	
Applicable for	Google Chrome	
Initial Conditions	The user should be logged out.	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open site's login page.	https://www.technopolis.bg/bg/ is loaded.
2	Click on "ВХОД" button.	The https://www.technopolis.bg/bg/login is loaded.
3	Click on "Електронна поща" field.	"Електронна поща" field is selected.
4	Type "emailMy@abv.bg" in it.	"emailMy@abv.bg" is written in the field.
5	Click on "Парола" field.	"Парола" field is selected.
6	Type "123password" in it.	"123password" is written in the field.
7	Click on "ВХОД" button.	Showed a message "Грешно потребителско име или парола.".
Test verdict	Passed.	

Comment: Login data validation was successful, i.e. the test successfully rejected the login based on incorrect password and incorrect username. The respective error message "Грешно потребителско име или парола." is correctly displayed.

3.20 Login in Praktiker with registration from Technopolis

Special Instructions

NONE

Test Case ID	test_log_loginPraktiker	
Description	Tests the login page in Praktiker with registration from Technopolis	
Applicable for	Google Chrome	
Initial Conditions	The user should be logged out.	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open site's login page of Praktiker.	https://praktiker.bg/bg/login is loaded.
2	Click on "Електронна поща" field.	"Електронна поща" field is selected.
3	Type "myEmail@abv.bg" in it.	"myEmail@abv.bg" is written in the field.
4	Click on "Парола" field.	"Парола" field is selected.
5	Type "password123" in it.	"password123" is written in the field.
6	Click on "Запомни ме" checkmark.	"Запомни ме" is ticked.
7	Click on "ВХОД" button.	The https://praktiker.bg/bg/my-account is loaded.
8	Click on button for profile.	The https://praktiker.bg/bg/my-account/open-orders is loaded.
9	Click on "Изход" button.	The https://praktiker.bg/bg/?logoutP=logoutP is loaded.
10	Close the tab.	Closed the tab.
Test verdict	Passed.	

Comment: Login data validation was successful, i.e. the test successfully checked the password and username. The user was successfully logged In into the Praktiker page.

3.21 Quick links from main page

Special Instructions

NONE

Test Case ID	test_quickLinks_onMainPage
Description	Test validates access to quick links on the main page.
Applicable for	Google Chrome
Initial Conditions	The user may be logged in or logged out.

Test Step ID	Test Step Description	Expected Result
1	Open site's main page.	https://www.technopolis.bg/bg/Smartfoni-i-mobilni-telefoni/Smartfon-GSM-APPLE-IPHONE-14-PRO-GOLD/p/577194 is loaded.
2	Click on "Работа при нас" link text.	The https://www.technopolis.bg/bg/careers is loaded.
3	Click on "Новини" link text.	The https://www.technopolis.bg/bg/news is loaded.
4	Click on "„Технополис" открива втори хипермаркет в Пловдив на Коматевско шосе в нов търговски парк" link text.	The https://www.technopolis.bg/bg/news/newsitem-20220624 is loaded.
5	Check if the "НАЗАД" button is present using assert element present.	The button is present.
6	Click on "НАЗАД" button.	The https://www.technopolis.bg/bg/news is loaded
7	Click on "Как да поръчам" link text.	The https://www.technopolis.bg/bg/howto-order is loaded.
8	Check if the "КУПИ" button is on this page by using assert element present	The button is present.
9	Click on image like button "КУПИ"	Nothing happend
10	Click on "Рециклиране" link text.	The https://www.technopolis.bg/bg/recycling is loaded.
11	Click on "Помощ" link text.	The https://www.technopolis.bg/bg/faq is loaded.
12	Click on "Как да върна продукт" link text.	The https://www.technopolis.bg/bg/how-to-return-products is loaded.

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13	Click on "Общи условия" link text.	The https://www.technopolis.bg/bg/terms-and-conditions is loaded.
14	Scroll down to the end of page	Scrolled to the end of page
Test verdict	Passed.	

Comment: Test results as expected i.e. quick links on the main page were successfully open and the „НАЗАД" function works as expected

3.22 Filter functionality for TV search

Special Instructions

NONE

Test Case ID	test_filters_TVFilters	
Description	Tests the search function for TV based on filtering criteria.	
Applicable for	Google Chrome	
Initial Conditions	NONE	
Test Step ID	**Test Step Description**	**Expected Result**
1	Open the main page.	https://www.technopolis.bg/bg/ is loaded.
2	Click on "Меню" button.	Product categories are displayed.
3	Mouse over "TV Видео и Gaming" button.	Product categories are displayed.
4	Click on "Телевизори" button.	Products are displayed based on selection criteria.
5	Click on "Филтри" button.	Displays a price adjustment bar, top offers and products by brand etc.
6	Click on the „Продукти от брошурата" tick box.	A tick is populated in the box.
7	Click on the page exit button	Products are displayed based on selection criteria.
Test verdict	Inconclusive. (partially passed)	

Comment: Successfully open the main page and the menu bar. Mouse over function was used to go into sub-menu "Телевизори", however the function is not recognized and menu hover over is required in order to progress with the test. The product filter option works as expected.

4.Traceability matrix

Test Case ID	Bug Description	Note
test_reg_notSamePasswords	No error message appears anywhere to inform the user that they cannot register with two different passwords. It just does not allow them to do so.	The bug was found in the page https://www.technopolis.bg/bg/register.
test_reg_useLiveChat	Sometimes (for example if the cache is not cleared) the iframe bubble button for live chat support is not present.	The bug was found in the page https://www.technopolis.bg/bg/register.
test_reg_useLiveChat	While in the live chat pop-up window, the "close" button (marked "X") cannot be found through Selenium IDE.	The bug was found in the page https://www.technopolis.bg/bg/register.
test_search_concreteItem AND test_search_nonExistentItem	The long white search bar field where the user is able to type text is not visible and able to be used if the window size is not at least 1213 pixels horizontally long.	The bug was found in the page https://www.technopolis.bg/.
test_text_extractingTextFromFields	When extracting numbers from fields as text, decimal ones appear with an additional space before and after the decimal point (539 . 99 instead of 539.99).	The bug was found in the page https://www.technopolis.bg/bg/Malki-elektrouredi/Kafemashini-i-kafeavtomati/Kafeavtomati/c/P11131401.

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