

SOFTWARE TESTING

WITH KATALON

2024-2025

Note: this report was written originally in French and translated with AI into English. So, my apologies for any grammar and spelling errors.

Plan

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1. Introduction

1.1. Presentation of the test project

The project consists of selecting a website available for software quality assessment.

This is done through the design of a set diversified from 25 test cases to evaluate different website features.

1.2. Test tool used

The tool used is **Katalon Studio** to test the features and user interface of a website.

2. Methodology

2.1. Choice of website

We chose to work on the site at the beginning of <https://www.zara.com/> but the site has a protection against automation and we didn't find a solution to test it.

So we chose a site designed for automated testing

[https://magMagentoST Boardento.softwaretestingboard.com/](https://magMagentoSTBoardento.softwaretestingboard.com/) .

2.2. Design of test cases

Theme	Id Test	Description	Data	Result expected
<u>Welcome</u> <u>And</u> <u>navigation</u>	TC_01	Check the loading of the page welcome in checking the existence of the website logo "Magento Board"	Website logo	Page reception loaded with presence of the logo
	TC_02	Test the bar research with a product existing	Search with " <u>laptop bags</u> "	The articles which concerns the word look for uniquely appear
	TC_03	Test the bar research with a product non-existent we enter the word "research invalid"	Search with " <u>invalid search</u> "	A message error indicating that the product sought is not found or research invalid

	TC_04	Check the navigation between the categories	- Select " <u>jackets</u> " in the category " <u>women</u> " And " <u>men</u> " - Select " <u>bags</u> " in the category " <u>Gear</u> "	For each category selected, the articles corresponding are displayed correctly
<u>Management of account</u>	TC_05	Test registration of a new one user with data valid	first name = "Saharan" lastname = "eya" e-mail = " sahareya1@gmail.com " password = "Sahareya123"	Registration is carried out successfully and one message from confirmation appeared
	TC_06	Test registration of a new one user with an address already used	first name = "Saharan" lastname = "eya" e-mail = " sahareya1@gmail.com " password = "Sahareya123"	Registration no does not happen and one message that the account already exists appeared
	TC_07	Test registration of a new one user with data disabled	first name = "1" lastname = "s" e-mail = " 1@s.tt " password = "Sahareya123"	Registration no does not happen and one message of failure appeared indicating that the email is invalid or that the information are too short

	TC_08	Check the connection with identifiers valid	e-mail= " sahareya1@gmail.com " password= "Sahareya123"	Login is carried out successfully and redirection to the page reception " <u>Home Page</u> "
	TC_09	Check the connection with an account non-existent	e-mail= "eya @gmail.com " password= "Sahareya123"	Connection not does not happen and one message indicating that the account is not found appeared
	TC_10	Test the disconnection and reconnection	e-mail= " sahareya1@gmail.com " password= "Sahareya123"	Login Then disconnection Then reconnection with the same account are carried out successfully
<u>Tests on the catalog and the products</u>	TC_11	Check the display of details of a product	<ul style="list-style-type: none"> - Check all "size" buttons - Check that the colors are clickable - Check the "<u>Add to cart</u>" ... - Check the existence of "<u>details</u>", "More information" and "<u>reviews</u>" - Check that the buttons of "<u>zoom</u>" 	All the buttons to check are clickable and functional and all the details of a product are present

			are clickable	
	TC_12	Test the filters and sorting of products	<ul style="list-style-type: none"> - Filter by color “<u>blue</u>” - Sort by price in order “<u>ascending</u>” - Sort by price in order “<u>descending</u>” 	<ul style="list-style-type: none"> - Blue product uniquely appeared - The Products are sorted according to the price in a way ascending - The Products are sorted according to the price in a way descending
	TC_13	Check the addition of a product to basket	<ul style="list-style-type: none"> - Selection of a product - “<u>Add to cart</u>” 	Product added to the basket with success and all THE information corresponding are displayed in the basket
	TC_14	Test the modification of the quantity of one produced in the basket	<ul style="list-style-type: none"> - Selection of a product - “<u>Add to cart</u>” - Change quantity = “<u>3</u>” 	The quantity is modified successfully and the total price is calculated correctly
	TC_15	Check from a message is appeared when the basket is empty	- To click directly on a empty basket	A message indicating that the basket is empty appeared

<u>Tests on the basket</u>	TC_16	Check the price calculation total after addition of several items	- Search= <u>hoodie</u> - The prices of selected products - The total price	<u>TRUE</u> the total price articles equal to the price poster
	TC_17	Test the deletion of a product of the basket	- Search= <u>hoodie</u> - Total price before deletion - Total price after deletion	<u>TRUE</u> the total price articles after the deletion equal to the price poster
	TC_18	Check if a product remains in the basket After reconnection	- Login with username= ' <u>a@g.tt</u> ' - Search= <u>hoodie</u> - Selected product	<u>TRUE</u> The product stay in the basket after reconnection
	TC_19	Check that a element is added to wishlist	- Login with username= ' <u>a@g.tt</u> ' - Search= <u>hoodie</u> - Selected product	<u>TRUE</u> The element is added to the list of wishes
	TC_20	Test the list of comparison between the products	- Login with username= ' <u>a@g.tt</u> ' - Search= <u>hoodie</u> - Selected products	<u>TRUE</u> The list of comparison between the products works

<u>Tests on the payment and THE orders</u>	TC_21	Check the loading of the page of payment	- Login with username= <u>'aa@g.tt'</u> - Purchased products - Fields of the payment page	<u>TRUE</u> The page of payment displayed
	TC_22	Check the display of the summary of the order before validation	- Login with username= <u>'aa@g.tt'</u> - purchased products	<u>TRUE</u> The summary is poster
	TC_23	Test the form of payment with of the information disabled	- Login with username= <u>'aa@g.tt'</u> - Information (street, city, country, postal code, phone) invalid	<u>FALSE</u> The order must not to have passed
	TC_24	Check the existence of a history of orders	- Login with username= <u>'a@g.tt'</u>	<u>TRUE</u> A history is existing
	TC_25	Check the display of the summary of the order after the validation	- Login with username= <u>'a@g.tt'</u>	<u>TRUE</u> The summary is poster

2.3. Test case analysis

2.3.1. Analysis of results

Theme	Id Test	Description	Result obtained	Result expected	Test Pass/Fail
<u>Welcome</u> <u>And</u> <u>navigation</u>	TC_01	Check the loading from the page welcome in checking existence of the logo of the site "Magento Board"	Home Page loaded with presence of the logo	Home Page loaded with presence of the logo	PASS
	TC_02	Test the bar of research with a product existing	There are articles that do not does not concern the word sought are displayed	The articles that concerns the word look for uniquely appear	Fail
	TC_03	Test the bar of research with a product non-existent we enter the word "research invalid"	the message " <u>Your search returned no results.</u> " appear	A message error indicating that the product sought is not found or research invalid	PASS

	TC_04	Check the navigation between the categories	For each category selected, the articles corresponding are displayed correctly	For each category selected, the articles corresponding are displayed correctly	PASS
<u>Management of account</u>	TC_05	Test registration of a new one user with data valid	- Registration is carried out - The message " <u>Thank you for registering with Main Website Store.</u> " appear	Registration is carried out with success and a message from confirmation appeared	PASS
	TC_06	Test registration of a new one user with a address already used	- Registration no does not happen - The message " <u>There is already an account with this email address...</u> " appear	Registration no does not take place and a message that the account exists already appeared	PASS
	TC_07	Test registration of a new one user with data disabled	- Registration is carried out - The message " <u>Thank you for registering with Main Website Store.</u> " appear	Registration no does not take place and a message failures appeared indicating that the email is invalid or that the information is too short	Fail

	TC_08	Check the connection with identifiers valid	Login is carried out successfully and redirection to the page reception <u>"Home Page "</u>	Login is carried out with success and redirect to the page welcome <u>"Home Page "</u>	PASS
	TC_09	Check the connection with a account non-existent	Connection not does not happen and a message <u>"The account sign-in was incorrect or your account is disabled temporarily. Please wait and try again later ."</u> appear	Connection not does not take place and a message indicating that the account is not found appeared	PASS
	TC_10	Test the disconnection and the reconnection	Login Then disconnection Then reconnection with the same account are carried out successfully	Login then disconnection Then reconnection with the same account are carried out with success	PASS

<u>Tests on the catalog</u> <u>and the products</u>	TC_11	Check the display details of a product	All the buttons to check are clickable and functional and all the details of a product are present	All the buttons to check are clickable and functional and all the details of a product are present	PASS
	TC_12	Test the filters and sorting of products	- Blue product uniquely appeared - The Products are sorted according to the price in a way ascending - The Products are sorted according to the price in a way descending	- Blue product uniquely appeared - The Products are sorted according to the price of manner ascending - The Products are sorted according to the price of manner descending	PASS
	TC_13	Check the addition of a product at basket	Product added to the basket with success and all THE information corresponding are displayed in the basket	Product added to the basket with success and all the information corresponding are displayed in the basket	PASS

	TC_14	Test the modification of the quantity of a product in the basket	The quantity is modified with success and the total price is calculated correctly	The quantity is modified with success and the total price is calculated correctly	PASS
	TC_15	Check from a message is appeared when the basket is empty	A message indicating that the basket is empty appeared	A message indicating that the basket is empty appeared	PASS
<u>Tests on the basket</u>	TC_16	Check the calculation of the total price after addition of several items	<u>TRUE</u> the total price articles equal to the price poster	<u>TRUE</u> the total price of the items equal to displayed price	PASS
	TC_17	Test the deletion of a product from the basket	<u>TRUE</u> the total price articles after the deletion equal to the price poster	<u>TRUE</u> the total price of the items after the deletion equal to the price poster	PASS
	TC_18	Check if a product remains in the basket after reconnection	<u>TRUE</u> The product stay in the basket after reconnection	<u>TRUE</u> The product remains in the basket After reconnection	PASS

	TC_19	Check that one element is added to the list of wishes	<u>TRUE</u> The element is added to the list of wishes	<u>TRUE</u> The element is added to wishlist	PASS
	TC_20	Test the list of comparison n between the products	<u>TRUE</u> The list of comparison between the products works	<u>TRUE</u> The list of comparison between the products works	PASS
<u>Tests on</u> <u>THE</u> <u>payment</u> <u>And</u> <u>THE</u> <u>orders</u>	TC_21	Check the loading from the page payment	<u>TRUE</u> The page of payment displayed	<u>TRUE</u> The page of payment displayed	PASS
	TC_22	Check the display of the summary of the order Before validation	<u>TRUE</u> The summary is poster	<u>TRUE</u> The summary is poster	PASS
	TC_23	Test the form payment with information disabled	<u>TRUE</u> The order has passed despite the disability of information	<u>FALSE</u> The order must not be passed	FAIL

	TC_24	Check existence of a historical of the orders	<u>TRUE</u> A history is existing	<u>TRUE</u> A history is existing	PASS
	TC_25	Check the display of the summary of the order after the validation	<u>TRUE</u> The summary is poster	<u>TRUE</u> The summary is poster	PASS

2.3.2. Bug identification

- 1st bug:

- Test cases : TC_02
- Description : Test the bar search with an existing product "laptop bags"
- Expected result : articles that concerns "bags for laptops"
- Result obtained : articles that does not concern the searched word

Search results for: 'bags for laptop'

Shopping Options

CATEGORY

Compare Products

You have no items to compare.

My Wish List

You have no items in your wish list.



Items 1-12 of 14

Sort By

Relevance



Related search terms

[bags price range \\$55-\\$100\\$](#)

[bags price range \\$55-\\$100\\$](#)

[bags price range \\$55-\\$100\\$](#)

[bags price range \\$15-\\$200\\$](#)

[laptop hp m-144](#)



Chloe Complete Tank

★★★★★ 3 Reviews

As low as \$39.00



Bella Tank

★★★★★ 2 Reviews

As low as \$29.00



Radiant Tee

★★★★★ 3 Reviews

As low as \$22.00



Selene Yoga Hoodie

★★★★★ 3 Reviews

As low as \$42.00



Jupiter All-Weather Trainer

★★★★★ 3 Reviews

As low as \$56.99



Sybil Running Short

★★★★★ 3 Reviews

As low as \$44.00



Sprite Yoga Companion Kit

From \$61.00
To \$77.00



Set of Sprite Yoga Straps

Starting at
\$14.00



Push It Messenger Bag

★★★★★ 3 Reviews

\$45.00



Endeavor Daytrip Backpack

★★★★★ 3 Reviews

\$33.00



Wayfarer Messenger Bag

★★★★★ 3 Reviews

\$45.00



Crown Summit Backpack

★★★★★ 3 Reviews

\$38.00

- 2nd bug:

- Test cases : TC_07

- Description : Test registration of a new user with

- invalid data and very short

- Expected result : Message error like “registration

- invalid” and the registration does not

- does not happen

- Result obtained : Registration

- completed successfully and message

- confirmation appeared

Create New Customer Account

Personal Information

First Name *

1

Last Name *

s

Sign-in Information

Email *

s@1.tt

Password *

Password Strength: Very Strong

Confirm Password *

* Required Fields

Create an Account



What's New Women ▾ Men ▾ Gear ▾ Training ▾ Sale

✓ Thank you for registering with Main Website Store.

My Account

My Orders

My Downloadable Products

My Wish List

Address Book

Account Information

Stored Payment Methods

My Product Reviews

My Account

Account Information

Contact Information

1 s

s@1.tt

[Edit](#) | [Change Password](#)

Address Book [Manage Addresses](#)

Default Billing Address

You have not set a default billing address.

[Edit Address](#)

Compare Products

You have no items to compare.

My Wish List

You have no items in your wish list.

- 3rd bug:

- Test cases : TC_23
- Description : Test the form payment with information disabled
- Expected result : The form does not must not pass, we are waiting for error messages when filling or the impossibility of placing the order
- Result obtained : Order successfully completed

Contact Information	Address
First Name * <input type="text" value="a"/>	Street Address * <input type="text" value="&"/>
Last Name * <input type="text" value="a"/>	<input type="text" value="é"/>
Company <input type="text"/>	<input type="text" value=""/>
Phone Number * <input type="text" value="123456789"/>	City * <input type="text" value="AZERTY"/>
	State/Province * <input type="text" value="Alaska"/>
	Zip/Postal Code * <input type="text" value="1234"/>
	Country * <input type="text" value="United States"/>

100% false information

Order #	Date	Ship To	Order Total	Status	Action
000048518	4/3/25	a a	\$66.00	Pending	View Order Reorder

Despite this, the order was placed.