Project Name: JIMMS.FI

Test Case 1

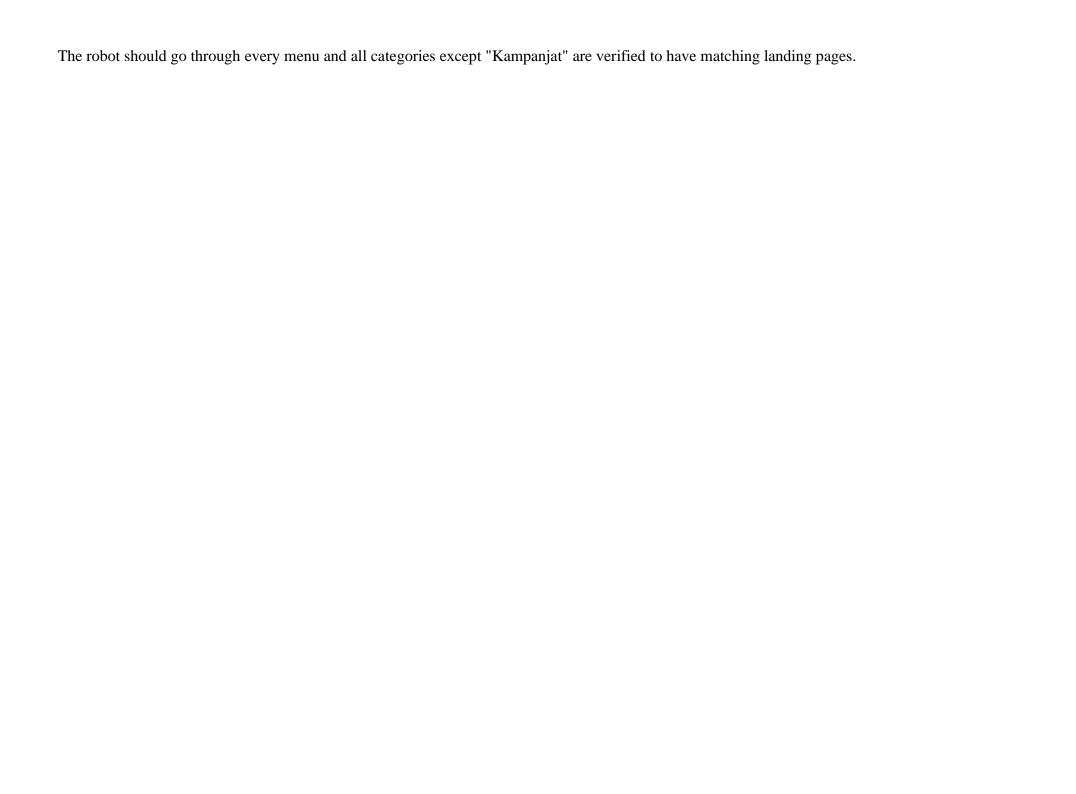|	
Test Case ID: Mandatory_1 (Failure Case)	**Test Designed by:** Hiep Huynh
Test Priority (Low/Medium/High): High	**Test Designed date:** 19-Sep-2024
Module Name: Product page	**Test Executed by:** Hiep Huynh
Test Title: Check All Product Categories Have Landing Page	**Test Execution date:** 19-Sep-2024
Description: Test if all product categories lead to the correct landing pages, matching the category name.	

Pre-conditions: Product categories must be visible on the homepage and have landing pages.

Dependencies: The navigation bar and product categories must be functional.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Load the main page	https://www.jimms.fi	Main page should appear	Main page appeared	Pass	
2	Get all product categories from the menu	-	List of all product categories is fetched	Categories list is fetched	Pass	
3	Loop through each category and click on it	-	The landing page of every categories should be presented	All landing pages are showed except the 'Kampanjat' (Campaign)	Fail	The 'Kampanjat' category does not have a landing page
4	Get the current category and verify that the landing page matched the category name	-	The text of the category name is stored and the landing page title contains the same text as the category name.	Text is fetched successfully and matched the landing page title.	Fail	Text of the 'Kampanjat' category cannot be fetched and verified due to no landing page

Post-conditions:

The robot should go through every menu and all categories except "Kampanjat" are verified to have matching landing pages.

Test Case 2

Test Case ID: Mandatory_2	Test Designed by: Hiep Huynh
Test Priority (Low/Medium/High): High	**Test Designed date:** 19-Sep-2024
Module Name: Main and product pages	**Test Executed by:** Hiep Huynh
Test Title: Test Search Feature From Main Page	**Test Execution date:** 19-Sep-2024

Description: Test the search feature from main page to verify if searching for "ps5" returns relevant results.

Pre-conditions: Product is available for search.

Dependencies: Product must be in stock and with the same keyword in title or description

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Open website, navigate to the search menu, input the keyword: ps5	https://www.jimms.fi Keyword: ps5	The search box is allowed to input the text and search results display all in-stock and out of stock ps5 products	The search box is allowed to input the text and search results display all in-stock and out of stock ps5 products	Pass	
2	Take screenshot of first product	-	Take screenshot successfully	Screenshot took successfully from the first product	Pass	
3	Check the product name is same of input keyword	Keyword: ps5	The name of product should be the same as input keyword	The name of product is the same as input keyword	Pass	

Post-conditions:
Product name is validated successfully.

Test Case 3

Test Case ID: Mandatory_3		**Test Designed by:** Hiep Huynh	
Test Priority (Low/Medium/High): High		**Test Designed date:** 19-Sep-2024	
Module Name: Product		**Test Executed by:** Hiep Huynh	
Test Title: Find link "Lisää koriin" from product page		**Test Execution date:** 19-Sep-2024	
Description: Test if the link "Lisää koriin" (add to cart) is available in product page			

Pre-conditions: User has navigated to a product page.

Dependencies: Search functionality working properly. Product must be available for search.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Open the product page after searching "ps5"	-	The product page should load successfully	The product page is loaded successfully	Pass	
2	Check the presence of "Lisää koriin" link	Keyword: Lisää koriin	The product page should contain the link	Found the presence of "Lisää koriin" link	Pass	

Post-conditions:
The "Lisää Koriin" link is present on the product page.

Test Case 4

Test Case ID: Mandatory_4	**Test Designed by:** Hiep Huynh
Test Priority (Low/Medium/High): Medium	**Test Designed date:** 19-Sep-2024
Module Name: Product	**Test Executed by:** Hiep Huynh
Test Title: Find icon related to link "Lisää koriin"	**Test Execution date:** 19-Sep-2024
Description: Test if the icon of "Lisää koriin" (add to cart) is available in product information and capture it	

Pre-conditions: User has navigated to a product page.

Dependencies: Search functionality and "Lisää Koriin" link are working properly. The icon was set during the design.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Open the product page and search for the icon of the "Lisää koriin" link	https://www.jimms.fi Keyword: Lisää koriin	The product page should load successfully, and the icon should be present next to the link	Product page is loaded and the icon is found next to the link	Pass	
2	Take the screenshot of the icon	-	The icon can be captured and saved in working folder	The screenshot took sucessfully and save in the working folder	Pass	

Post-conditions:
The "Lisää Koriin" icon is present and the screenshot is captured.

Test Case 5.1

Test Case ID: Self-defined_5.1	Test Designed by: Duy Tran
Test Priority (Low/Medium/High): High	Test Designed date: 19-Sep-24
Module Name: Sign up screen	Test Executed by: Duy Tran
Test Title: Verify create new user account	Test Execution date: 19-Sep-24
Description: Test the process for creating new account	

Pre-conditions: input the new user information

Dependencies: users which does not exist in system / account did not use for testing before

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to login/ Create new account page	https://www.jimms.fi/fi/Account/Login	Login / Create new account page should appear	Login / Create new account page appeared	Pass	
2	Select option "No, I want to create a new customer account"		The registration form for entering new user's information will show up	Registration form appeared	Pass	
3	Provide new email	test@abc.com	Fill in email field	Email inputted	Pass	
4	Provide password	123456	Fill in password field	Password inputted	Pass	
5	Provide confirm password	123456	Fill in password field	Password inputted	Pass	
6	Input other fields: First name, Last name, address, postcode, municipality, telephone number	-	All fields got inputted	All fields got inputted	Pass	
7	Check the box" I have read and accept the privacy statement"	-	Checkbox selected	Checkbox selected	Pass	

| 8 | Click on "Create a customer account" button | - | Created successfully and move to home page | Created successfully and move to home screen | Pass | |

Post-conditions:
User created in database and successfully logged in to account. The name of login user shows on the home page next to the shopping basket.

Test Case 5.2

Test Case ID: Self-defined_5.2	**Test Designed by:** Duy Tran
Test Priority (Low/Medium/High): High	**Test Designed date:** 19-Sep-24
Module Name: Login screen	**Test Executed by:** Duy Tran
Test Title: Verify login with valid username and password	**Test Execution date:** 19-Sep-24
Description: Test the login page	

Pre-conditions: User has valid username and password (Ex: user from test case 5.1)

Dependencies: user already existing in system

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to login page	https://www.jimms.fi/fi/Account/Login	Login page should appear	Login page appeared	Pass	
2	Provide valid username	test@abc.com	Fill in username field	Username inputted	Pass	
3	Provide valid password	123456	Fill in password field	Password inputted	Pass	
4	Click on Login button	-	Login successfully and move to home page and show valid user name	Login successfully and move to home screen and check the valid user name there	Pass	

Post-conditions:
The name of login user shows on the home page next to the shopping basket.

Test Case 6

Test Case ID: Self-defined_6	Test Designed by: Duy Tran
Test Priority (Low/Medium/High): High	Test Designed date: 19-Sep-2024
Module Name: Product page	Test Executed by: Duy Tran
Test Title: Verify filter function for product	Test Execution date: 19-Sep-2024

Description: Test if the product will be displayed based on select sub-category and min-price and max-price

Pre-conditions: Product is available for search.

Dependencies: Product must be in stock for accurate comparison.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Open website, navigate to the sub-menu of 'Computer' menu, Ex: Apple	https://www.jimms.fi/fi/Product/List/000-0WS/tietokoneet--apple	Search results display all in-stock and out of stock Apple products	Search results display all in-stock and out of stock Apple products	Pass	
2	Input Min price and Max price in session price (Hinta)	MinPrice = 100 MaxPrice = 500	Price can be entered in those fields	Price can be entered in those fields	Pass	
3	Check the result when press Enter	-	Product details page is displayed with product in rang from min to max price	Product details page is displayed with product in rang from min to max price	Pass	

Post-conditions:
Product price is validated successfully.

Test Case 7

Test Case ID: Self-defined_7	**Test Designed by:** Dan Vu
Test Priority (Low/Medium/High): Medium	**Test Designed date:** 19-Sep-2024
Module Name: Blog navigation	**Test Executed by:** Dan Vu
Test Title: Navigate to Blog Page from Homepage	**Test Execution date:** 20-Sep-2024
Description: Test if users can navigate to the blog post page from the homepage using the "Read More" link	

Pre-conditions: User is on the homepage.

Dependencies: Blog post page exists and is accessible. Blog titles are consistent.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Open website	-	Homepage is displayed	Homepage is displayed	Pass	
2	Scroll to the blog section	-	Blog section is visible	Blog section is visible	Pass	
3	Get the blog title	-	Blog title is stored	Blog title is stored	Pass	
4	Click on "Read More" link	-	Navigated to the blog post page	Navigated to the blog post page	Pass	
5	Verify the blog title on the blog post page matches	Blog title	Blog post title matches with the title showed on homepage	Blog post title matches with the title showed on homepage	Pass	

Post-conditions:
The blog post page is accessible from the homepage, and the title matches on both pages.

Test Case 8

Test Case ID: Self-defined_8 (Failure Case)	Test Designed by: Dan Vu
Test Priority (Low/Medium/High): Low	**Test Designed date:** 20-Sep-2024
Module Name: Blog Comment Feature	**Test Executed by:** Dinh Nguyen
Test Title: Verify Comment Feature on Blog Page	**Test Execution date:** 23-Sep-2024

Description: Test the comment feature on the blog page by entering a test comment.

Pre-conditions: User is on the blog page.

Dependencies: Comment feature must be enabled. Bug in the comment submission process is possible.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Open blog post page	-	Blog post is displayed	Blog page loaded correctly	Pass	
2	Scroll to the comment section	-	Comment section is visible	Comment section is visible	Pass	
3	Input comment and user details	comment, name, email	Comment text, user name and email address are entered successfully	Comment and user are entered successfully	Pass	
2	Submit comment & verify success message	-	Comment submission is successfully and a success message is displayed.	Comment submission failed and success message is not displayed	Fail	
3	Verify comment & user details are displayed	comment, name, email	Comment, name and email are displayed correctly	Comment and user details are not displayed	Fail	

Post-conditions:
The comment was not submitted successfully, the success message did not appear, and the user details were not displayed.

Test Case 9

Test Case ID: Self-defined_9	**Test Designed by:** Dinh Nguyen
Test Priority (Low/Medium/High): High	**Test Designed date:** 18-Sep-2024
Module Name: Product page	**Test Executed by:** Dinh Nguyen
Test Title: Verify the product details price	**Test Execution date:** 20-Sep-2024
Description: Test if the product price displayed on the search results matches the price on the product details page	

Pre-conditions: Product is available for search.

Dependencies: Product must be in stock for accurate comparison.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Open website, enter product name and perform search	Search keyword = ps5	Search results display all in-stock and out of stock ps5 products	Search results display all in-stock and out of stock ps5 products	Pass	
2	Store the price of the first product in the search results	Product = Sony PS5 DualSense Midnight Black, langaton peliohjain	Price of the first in-stock product is stored	Price of the first in-stock product is stored	Pass	
3	Go to the product details page	-	Product details page is displayed	Product details page is displayed	Pass	
4	Store the product price	-	Product price is stored	Product price is stored	Pass	
5	Compare the product price with the search result price	Product price & Search price	The price on the search page matches the price on the product details page	The price on the search page matches the price on the product details page	Pass	

Post-conditions:
Product price is validated successfully.

Test Case 10

Test Case ID: Mandatory_10

Test Priority (Low/Medium/High): High

Module Name: Shopping cart

Test Title: Add product to shopping cart

Description: Test if the product can be successfully added to the shopping cart

Test Designed by: Dinh Nguyen

Test Designed date: 18-Sep-2024

Test Executed by: Dinh Nguyen

Test Execution date: 23-Sep-2024

Pre-conditions: Product is available for search.

Dependencies: Product must be in stock.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Search for product	Search keyword = ps5	Search results display all in-stock and out of stock ps5 products	Search results display all in-stock and out of stock ps5 products	Pass	
2	Add product to shopping cart	-	Successfully clicked to the "Lisää koriin" button	Successfully clicked to the "Lisää koriin" button	Pass	
3	Go to the product details page	-	"Tuote lisätty ostoskoriin" message is displayed	"Tuote lisätty ostoskoriin" message is displayed	Pass	

Post-conditions:
Product is added to the cart and reflected in the cart.

Test Case 11

Test Case ID: Self-defined_11	**Test Designed by:** Dinh Nguyen
Test Priority (Low/Medium/High): Medium	**Test Designed date:** 18-Sep-2024
Module Name: Checkout	**Test Executed by:** Dinh Nguyen
Test Title: Verify checkout process with gift card payment	**Test Execution date:** 23-Sep-2024
Description: Test the checkout process, including filling in the shipping information and using an invalid gift card code for payment.	

Pre-conditions: Product is added to the shopping cart.

Dependencies: Product must be in stock and shopping cart should contain the product.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Add product and navigate to shopping cart	Product = ps5	Product is added and shopping cart page is displayed	Product is added and shopping cart page is displayed	Pass	
2	Proceed to checkout and choose to order without account	-	Checkout page is displayed and the correct option is selected	Checkout page is displayed and the correct option is selected	Pass	
3	Enter valid shipping details	FirstName, LastName, Address, PostalCode, City, EmailAddress, Phone	Shipping details are filled correctly	Shipping details are filled correctly	Pass	
4	Choose delivery method and pick-up point	-	Delivery method and pick up point are selected	Delivery method and pick up point are selected	Pass	
5	Select gift card as payment method and enter invalid gift card code	Code: JGC123456789-123	Error message is displayed	"Lahjakorttia ei löydy antamallasi tiedoilla" message is display	Pass	

Post-conditions:
The checkout process with valid information and gift card payment goes well. Error message of wrong code is validated successfully.