

**Project Name: Project Verkkokauppa.com**

## Test Case Template

**Test Case ID:** TC\_VK\_1

**Test Priority (Low/Medium/High):** Med

**Module Name:** Verkkokauppa main menu

**Test Title:** Test if the icons of product categories exist

**Description:** Test product category icons in Verkkokauppa.com main menu

**Test Designed by:** Jenna Hakkarainen, Amanda Karjalainen, Toni Nurmi, Anna-Maria Palm

**Test Designed date:** 3.12.2021

**Test Executed by:** Toni

**Test Execution date:** 4.12.2021

**Pre-conditions:** User has stable internet connection and browser.

**Dependencies:**

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to the page	www.verkkokauppa.com	correct page opens	User is navigated to verkkokauppa.com	Pass	
2	Check if the menu is open		The menu is open	The menu is not open	Fail	
3	Click the menu button if not open		menu will open	Menu did in fact open	Pass	
4	Get count of elements in the menu		list contains the amount categories	There are 28 categories in the menu	Pass	
5	Set count of icons in the menu		list contains the amount icons	There are 28 icons in the menu	Pass	
6	Compare amounts	Icons and categories	The number of categories and icons match	28 and 28 are equal	Pass	If one of the categories had no icon, but one category had 2 icons it could still pass.

**Post-conditions:**

The amount of product categories and icons are equal.

TRTKP20A3: Amanda Karjalainen, Jenna Hakkarainen, Anna-Maria Palm, Toni Nurmi

**Project Name: Project Verkkokauppa.com**

## Test Case Template

**Test Case ID:** TC\_VK\_2

**Test Priority (Low/Medium/High):** High

**Module Name:** Verkkokauppa main menu

**Test Title:** Check if each category has a working landing page  
**Description:** Test if product category links and landing pages match in a loop

**Test Designed by:** Jenna Hakkarainen, Amanda Karjalainen, Toni Nurmi, Anna-Maria Palm

**Test Designed date:** 3.12.2021

**Test Executed by:** Toni

**Test Execution date:** 5.12.2021

**Pre-conditions:** User has stable internet connection and browser. User has reached the Verkkokauppa.com main page. Each product category has a name.

**Dependencies:** TC\_VK\_1

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Click category link		category has a working link, and it takes the user to a new page	User clicks category links until the scrollbar obscured them	Pass	
2	Scroll down when necessary		User clicks the scroll button so the elements below it are not obscured	User clicks the scrollbar button is pressed twice at certain points of the loop and once after the loop has been broken.	Pass	
3	Get the name of the product category and save it to a variable		User checks the category name in the menu	User checked the category name, and it was good	Pass	
4	Check the name of the landing page and get the text as another variable		User checks the landing page name	User checked the landing page name, and it was good	Pass	
5	Compare category name and landing page name		User checks if the text in the menu and landing page are the same	User deems the two texts equal	Pass	

6	Check if Yrityksmyynti page contains an image		User sees a mighty picture	User indeed sees a big picture in the middle of the screen	Pass	It could be text phrase too, but if the webpage is translated into some other language, it wouldn't work
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**Post-conditions:**

Each link in the category menu leads to a corresponding webpage.

**Project Name: Project Verkkokauppa.com**

## Test Case Template

**Test Case ID:** TC\_VK\_3

**Test Priority (Low/Medium/High):** High

**Module Name:** Search function

**Test Title:** Search functions functionality and does the link work as expected

**Description:** Test if search function works and link to the product page works

**Test Designed by:** Jenna Hakkarainen, Amanda Karjalainen, Toni Nurmi, Anna-Maria Palm

**Test Designed date:** 3.12.2021

**Test Executed by:** Anna-Maria Palm

**Test Execution date:** 10.12.2021

**Pre-conditions:** User has stable internet connection and browser. User has reached the verkkokauppa.com main page.

**Dependencies:**

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Enter the product to the search field	input = PS5	User should see a list of products	User sees a list of products	PASS	
2	Click the loup icon-button		User should entry to a new page	User moves to a new page	PASS	
3	Take a screenshot of the first search result and save it to a folder	pic1	User should get a screenshot of first product and save it to a folder	User gets a screenshot of first product	PASS	
4	Click the link of the first item		User should entry to a new page	User moves to a new page	PASS	

**Post-conditions:**

User is able to write the searching word "PS5" to a input field. After clicking the submit-button, User reaches a new page. Screenshot is taken.

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## Test Case Template

**Test Case ID:** TC\_VK\_4

**Test Priority (Low/Medium/High):** Low

**Module Name:** Search function

**Test Title:** Comparing the screenshots

**Description:** Test if product pages image and the picture of the first item are similar enough

**Test Designed by:** Jenna Hakkarainen, Amanda Karjalainen, Toni Nurmi, Anna-Maria Palm

**Test Designed date:** 4.12.2021

**Test Executed by:** Anna-Maria Palm

**Test Execution date:** 10.12.2021

**Pre-conditions:** User has found the product and is in the product page.

**Dependencies:** TC\_VK\_3

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1.	Take a screenshot from the picture of the selected product in product page	pic2	User should get a screenshot of product and save it to a folder	User gets a screenshot	PASS	
2.	Save the screenshot to the same folder as before		User should be able to save the screenshot to a folder	User saves the screenshot to a folder	PASS	
3	Compare the screenshots	robotDiff	User should find that the screenshots are similar enough	User notices that screenshots are not similar enough	FAIL	Difference should be less than 5%, it was over 25%

**Post-conditions:**

User has successfully taken and saved the screenshot. User also has compared the screenshots.

**Project Name: Project Verkkokauppa.com**

## Test Case Template

**Test Case ID:** TC\_VK\_5

**Test Priority (Low/Medium/High):** Low

**Module Name:** Search function

**Test Title:** Testing if the page contains two particular sections

**Description:** Test if the page contains products introduction and further details and if these links lead to a corresponding page.

**Test Designed by:** Jenna Hakkarainen, Amanda Karjalainen, Toni Nurmi, Anna-Maria Palm

**Test Designed date:** 4.12.2021

**Test Executed by:** Anna-Maria Palm

**Test Execution date:** 10.12.2021

**Pre-conditions:** User has reached the product page

**Dependencies:** TC\_VK\_3

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to the section "Esittely/Lisätiedot" and click the button "Esittely"		User should see the products introduction section in the product page	User sees the products introduction section in product page	PASS	Products introduction is already open even if button is not clicked
2	Check information of page, is there "Tuotenumero" and "Valmistaja"?		User should notice that page contains "Tuotenumero" and "Valmistaja"	User sees that page contains "Tuotenumero" and "Valmistaja"	PASS	
3	Navigate to the section "Esittely/Lisätiedot" and click the button "Lisätiedot"		User should see the products further details in the product page	User sees the products further details in product page	PASS	
4	Check information of page, is there "Takuutiedot", "Huolto ja palautukset" and "Myyntihistoria"?		User should notice that the page contains "Takuutiedot", "Huolto ja palautukset" and "Myyntihistoria"	User notices that page contains "Takuutiedot", "Huolto ja palautukset" and "Myyntihistoria"	PASS	

**Post-conditions:**

User has found the sections and the links works well. Also information in these sections is valid.

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## Test Case Template

**Test Case ID:** TC\_VK\_6

**Test Priority (Low/Medium/High):** High

**Module Name:** Verkkokauppa main page

**Test Title:** Find product by filtering

**Description:** Test Verkkokauppa's search filters and select product from the list

**Test Designed by:** Jenna Hakkarainen, Amanda Karjalainen, Toni Nurmi, Anna-Maria Palm

**Test Designed date:** 3.12.2021

**Test Executed by:** Jenna Hakkarainen

**Test Execution date:** 10.12.2021

**Pre-conditions:** User has stable internet connection and browser. User has reached the Verkkokauppa.com main page.

**Dependencies:**

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to "Joululahjat"-page		User should be directed to "Joululahjat"-page	User is directed to the "Joululahjat"-page	PASS	
2	Enter product to the search field	input = paistinpannu	List of products should appear	List of products appears.	PASS	
3	Filter products by clicking the Manufacturers-button and choose Tefal from the list		User should be able to open a filter menu and choose Tefal from the list	Filter menu opens and user can select Tefal from the list	PASS	
4	Filter products by Price by adding prices to text fields	inputs = Min-price = 25 Max-price = 75	User should be able to input both min and max price to the text fields	User can input given numbers in textfields	PASS	
5	Click "Suodata"-button		Only products made by Tefal in the price range of 25-70 € should appear on the list	Filtered products are shown to the user as a list	PASS	
6	Click first product from the list		Product detail page should open	Product detail page opens	PASS	

**Post-conditions:**

User has successfully filtered products by manufacturer and price and landed to a particular product detail page.



**Project Name: Project Verkkokauppa.com**

## Test Case Template

**Test Case ID:** TK\_VK\_7

**Test Priority (Low/Medium/High):** High

**Module Name:** Verkkokauppa product detail page

**Test Title:** Check product availability

**Description:** Test product detail page's availability function

**Test Designed by:** Jenna Hakkarainen, Amanda Karjalainen, Toni Nurmi, Anna-Maria Palm

**Test Designed date:** 3.12.2021

**Test Executed by:** Jenna Hakkarainen

**Test Execution date:** 10.12.2021

**Pre-conditions:** User has chosen a product and landed in the product detail page

**Dependencies:** TC\_VK\_6

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Find Myymäläsaatavuus-dropdown from the page		Page should contain Myymäläsaatavuus-dropdown	Page contains Myymäläsaatavuus-dropdown	PASS	
2	Open Myymäläsaatavuus-dropdown menu		Drop down menu should open	Dropdown menu	PASS	
3	Choose Helsinki store from the dropdown		User should be able to choose Helsinki store from the dropdown	User is able to choose Helsinki store from the dropdown	PASS	
4	Check if Helsinki store has a green label		User should be able to see if Helsinki store has a green label	User is able to see that Helsinki store has a green label	PASS	
5	Find text "Lähetettävissä" from the page which indicates webstore availability		Page should contain text "Lähetettävissä"	Page contains text "Lähetettävissä"	PASS	
6	Check if webstore has a green label		User should be able to see if webstore has a green label	User is able to see that webstore has a green label	PASS	

**Post-conditions:**

User has successfully checked product availability both Helsinki store and webstore.

**Project Name: Project Verkkokauppa.com**

## Test Case Template

**Test Case ID:** TK\_VK\_8

**Test Priority (Low/Medium/High):** High

**Module Name:** Verkkokauppa shopping cart

**Test Title:** Add product successfully to the shopping cart and edit it

**Description:** Test Verkkokauppa shopping cart by adding a product in, edit it and delete it.

**Test Designed by:** Jenna Hakkarainen, Amanda Karjalainen, Toni Nurmi, Anna-Maria Palm

**Test Designed date:** 3.12.2021

**Test Executed by:** Jenna Hakkarainen

**Test Execution date:** 10.12.2021

**Pre-conditions:** User has chosen a product and landed in the product detail page

**Dependencies:** TC VK 6, TC VK 7

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Add product to the shopping cart by clicking a "Lisää ostoskoriin"-button		User should be able to click the button	User is able to click the button.	PASS	
2	Move to shopping cart by clicking it from the nav bar		User should be directed to the shopping cart page	User is directed to the shopping cart page	PASS	
3	Check if shopping cart contains a product		Shopping cart should contain 1 added product	Shopping cart contains 1 added product	PASS	
4	Add a product bought by others to the cart by clicking products shopping cart icon		User should be able to add product to the shopping cart	User is able to add a product to the cart	PASS	
5	Edit shopping cart by clicking one of the products +-button once		User should be able to increase the number of products	User is able to increase the number of products	PASS	
6	Delete one of the products by typing zero to amount field	input = 0	Shopping cart should not contain deleted product/products	User is able to delete product/products from the cart	PASS	
7	Click "Siirry kassalle"-button		User should be directed to the checkout page	User is directed to the checkout page	PASS	

**Post-conditions:**

User has successfully added, edited and deleted products in the shopping cart and has landed to the login page.

**Project Name: Project Verkkokauppa.com**

## Test Case Template

**Test Case ID:** TC\_VK\_9

**Test Priority (Low/Medium/High):** High

**Module Name:** Verkkokauppa.com login screen

**Test Title:** Register with valid information to Verkkokauppa.com

**Description:** Test the Verkkokauppa.com registration

**Test Designed by:** Jenna Hakkarainen, Amanda Karjalainen, Toni Nurmi, Anna-Maria Palm

**Test Designed date:** 3.12.2021

**Test Executed by:** Amanda Karjalainen

**Test Execution date:** 10.12.2021

**Pre-conditions:** User has stable internet connection and browser. User has reached the Verkkokauppa.com login page through shopping cart. User has valid email and phone number.

**Dependencies:** TC\_VK\_8

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Click on button "Luo uusi asiakkuus"		User should be able to navigate to a page in which they can sign up.	User is navigated to a page in which they can sign up.	Pass	
2	Input email	email: daisy.duck@duckburg.com	User should be able to input their email.	User can input their email successfully.	Pass	
3	Input password	password: duckendaal	User should be able to input their password.	User can input their password successfully.	Pass	
4	Input first name	first name: Daisy	User should be able to input their first name.	User can input their first name successfully.	Pass	
5	Input last name	last name: Duck	User should be able to input their last name.	User can input their last name successfully.	Pass	
6	Input phone number	phone number: 050 1234567	User should be able to input their phone number.	User can input their phone number successfully.	Pass	

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7	Select language	language: suomi	User should be able to select language on the menu.	User can select language successfully.	Pass	
8	Click to read privacy statement "tietosuojaseloste"		User should be able to open "Privacy statement" page	User can open "Privacy statement" page successfully.	Pass	
9	Click checkbox that you've read privacy statement		User should be able to activate checkbox to confirm they've read privacy statement.	User can activate checkbox to confirm they've read privacy statement.	Pass	
10	Click on button "Lähetä tiedot"		User should be able to send information and sign in.	User can send information and sign in successfully.	Pass (/ Fail)	Step was a pass on the first try but we decided to keep using Daisy Duck as user instead of creating a new one. It creates a situation where we need to back up to login page after getting "email is already submitted" notification.

**Post-conditions:**

User has successfully registered on Verkkokauppa.com.

**Project Name: Project Verkkokauppa.com**

## Test Case Template

**Test Case ID:** TC\_VK\_10

**Test Priority (Low/Medium/High):** Med

**Module Name:** Verkkokauppa.com login page

**Test Title:** Sign into user, check information and settings

**Description:** Test if signing in as the user works, check if the personal information is correct and reset the settings.

**Test Designed by:** Jenna Hakkarainen, Amanda Karjalainen, Toni Nurmi, Anna-Maria Palm

**Test Designed date:** 6.12.2021

**Test Executed by:** Amanda Karjalainen

**Test Execution date:** 9.12.2021

**Pre-conditions:** User has stable internet connection and browser. User has reached the Verkkokauppa.com main page. User has successfully registered to Verkkokauppa.com.

**Dependencies:** TC\_VK\_9

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to login page through link "Takaisin kirjautumiseen"		User should be able to navigate login page.	User is navigated to login page successfully.	Pass	I'm using this certain link to get to a login page because I couldn't access the login page through navbar.
2	Input valid email address	email: daisy.duck@duckburg.com	User should be able to input valid email address.	User can input valid email address successfully.	Pass	
3	Click on "Jatka" button		User should be forwarded to input password.	User is forwarded to input their password successfully.	Pass	
4	Input valid password	password: duckendaal	User should be able to input valid password.	User can input valid password successfully.	Pass	
5	Click on "Jatka" button		User should be able to sign in.	User has signed in successfully.	Pass	
6	Check if personal information is correct.	- name: Daisy Duck - email: daisy.duck@duckburg.com - phone num: 050 1234567	User should be able to check their information.	User can check their information successfully.	Pass	

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8	Change to "Asetukset" tab		User should be able to change tabs.	User can change tabs successfully.	Pass	
9	Turn off settings	- Selaushistoriaan perustuva viestintä - Google-markkinointi - Tuotearvostelupyynnöt	User should be able to turn off settings.	User can turn off setting successfully.	Pass	
10	Check sign in history by clicking on "Näytä kaikki" button		User should be able to check their sign in history.	User can check their sign in history successfully.	Pass	
11	Click on "Kirjaudu ulos" button to sign out		User should be able to sign out.	User can sign out successfully	Pass	

**Post-conditions:**

User has successfully signed in, checked on their information, made modifications to settings, and signed out.