G101-97 / Testing Documentation / Testing Documentation – Iana Nikhileeva / Registration and Authorization

Successful registration: valid data (min boundary)

Priority	Severity	Behavior	Type
High	-	Positive	Functional

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone		
Actual	-		

Description

Check that user can register with login = 3 characters and password = 8 characters

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL https://qa.demoshopping.ru/registration		Registration page is displayed
2	Enter login = `u_1` (3 characters: letters + digits+_)		Value is accepted
3	Enter password = `Pass1234` (8 characters: letters + digits)		Value is accepted
4	Click button **"Зарегистрироваться"**		Registration succeeds; the header button "Войти" changes to "Выйти".

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Successful registration: login at max boundary (15 characters)

Priority	Severity	Behavior	Type
Medium	-	Not set	Other

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone		
Actual	-		

Description

Check that user can successfully register when login = 15 characters (max boundary), password is valid

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL https://qa.demoshopping.ru/registration		Registration page is displayed
2	Enter login = "validusrname_15" (15 characters: letters+digits+_)		Value is accepted
3	Enter password = "Abcd1234" (8 characters: letters+digits)		Value is accepted
4	Click button: "Зарегистрироваться"		Registration succeeds; the header button "Войти" changes to "Выйти".

G101-99 / Testing Documentation / Testing Documentation – Iana Nikhileeva / Registration and Authorization

Error registration: login too short (<3 characters)

Priority	Severity	Behavior	Type
High	-	Negative	Functional

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone		
Actual	-		

Description

Check that system shows an error when user tries to register with login shorter than 3 characters

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL https://qa.demoshopping.ru/registration		Registration page is displayed
2	Enter login = "us" (2 characters)		Field value is accepted for input
3	Enter password = "Pass1234" (valid password)		Value is accepted
4	Click button "Зарегистрироваться"		Validation error is shown: "Логин должен быть от 3 до 15 символов и может включать буквы, цифры и символы: _". Registration does not complete; the user remains unauthenticated. Header button still shows "Войти"

G101-100 / Testing Documentation / Testing Documentation – Iana Nikhileeva / Registration and Authorization

Error registration: login too long (>15 characters)

Priority	Severity	Behavior	Type
Medium	-	Negative	Functional

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone		
Actual	-		

Description

Check that system shows an error when user tries to register with login longer than 15 characters

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL https://qa.demoshopping.ru/registration		Registration page is displayed
2	Enter login = `"username_toolong"` (16 characters)		Field value is accepted for input
3	Enter password = `"Pass1234"` (valid password)		Value is accepted
4	Click button "Зарегистрироваться"		Validation error is shown: "Логин должен быть от 3 до 15 символов и может включать буквы, цифры и символы: _". Registration does not complete; the user remains unauthenticated. Header button still shows "Войти"

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Error registration: login with forbidden symbols

Priority	Severity	Behavior	Type
Medium	-	Negative	Functional

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone		
Actual	-		

Description

Check that system shows an error when user tries to register with login containing forbidden symbols (e.g., @, !, %)

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL https://qa.demoshopping.ru/registration		Registration page is displayed
2	Enter login = "user@!"		Field value is accepted for input
3	Enter password = "Pass1234" (valid password)		Value is accepted
4	Click "Register" button		Validation error is shown: "Логин должен быть от 3 до 15 символов и может включать буквы, цифры и символы: _". Registration does not complete; the user remains unauthenticated. Header button still shows "Войти"

G101-102 / Testing Documentation / Testing Documentation – Iana Nikhileeva / Registration and Authorization

Error registration: empty login field

Priority	Severity	Behavior	Type
High	-	Negative	Functional

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone		
Actual	-		

Description

Check that system shows an error when user tries to register with an empty login field

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL https://qa.demoshopping.ru/registration		
2	Leave the ""Логин" field empty		Field remains empty
3	Enter password = "Pass1234" (valid		Value is accepted

#	Step	Action	Expected Result
	password)		
4	Click button "Зарегистрироват ься"		Validation error is shown: "Логин должен быть от 3 до 15 символов и может включать буквы, цифры и символы: _". Registration does not complete; the user remains unauthenticated. Header button still shows "Войти"

G101-103 / Testing Documentation / Testing Documentation – Iana Nikhileeva / Registration and Authorization

Error registration: password without digit

Priority	Severity	Behavior	Type
High	-	Negative	Functional

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone
Actual	-

Description

Check that system shows an error when password does not contain any digits

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL https://qa.demoshopping.ru/registration		Registration page is displayed
2	Enter login = "usr_1" (valid; 5 characters: letters+digits+_)		Value is accepted
3	Enter password = "Password" (8letters; no digits)		Field value is accepted for input
4	Click button "Зарегистрироваться"		Validation error is shown: "Пароль должен содержать не менее 8 символов, включая минимум одну букву и одну цифру". Registration does not complete; the user remains unauthenticated. Header button still shows "Войти"

G101-104 / Testing Documentation / Testing Documentation – Iana Nikhileeva / Registration and Authorization

Error registration: login with Cyrillic characters

Priority	Severity	Behavior	Type
Medium	-	Negative	Functional

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone		
Actual	-		

Description

Check that system shows an error when user tries to register with login containing Cyrillic letters

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL https://qa.demoshopping.ru/registration		Registration page is displayed
2	Enter login = `"юзер_1"` (6 characters: Cyrillic letters+digits+_)		Field value is accepted for input
3	Enter password = `"Pass1234"` (valid password)		Value is accepted
4	Click button "Зарегистрироваться"		Validation error is shown: "Логин должен быть от 3 до 15 символов и может включать буквы, цифры и символы: _". Registration does not complete; the user remains unauthenticated. Header button still shows "Войти"

G101-105 / Testing Documentation / Testing Documentation – Iana Nikhileeva / Registration and Authorization
Error registration: password without letter

Priority	Severity	Behavior	Type
High	-	Negative	Functional

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone		
Actual	-		

Description

Check that system shows an error when password does not contain any latin letters

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL https://qa.demoshopping.ru/registration		Registration page is displayed
2	Enter login = "user_123" (valid login: letters+digits+_)		Value is accepted
3	Enter password = "12345678" (digits only, no letters)		Field value is accepted for input
4	Click button "Зарегистрироваться"		Validation error is shown: "Пароль должен содержать не менее 8 символов, включая минимум одну букву и одну цифру". Registration does not complete; the user remains unauthenticated. Header button still shows "Войти"

G101-106 / Testing Documentation / Testing Documentation – Iana Nikhileeva / Registration and Authorization

Block guest access to protected sections (Корзина, Оплата, История заказов)

Priority	**Severity**	**Behavior**	**Type**
High	-	Negative	Functional

Layer	**Is Flaky**	**Is Muted**	**Automation**
Not set	No	No	Manual

Status	**Milestone**		
Actual	-		

Description

Verify that a guest opening **«Корзина»**, **«Оплата»**, or **«История заказов»** does **not** see account data. An authorization message is displayed with a working link to the login page (**/login**).

Parameters

Name	Value
section	Корзина Оплата История заказов

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL https://qa.demoshopping.ru		Registration page is displayed; header shows "Регистрация/Войти" (user is not log in)
2	Click **«{section}»** in the header (use the current parameter value).		Access is denied; no account data is shown (Корзина, Оплата, История заказов). A message is displayed: **«Пожалуйста, войдите в систему, чтобы получить доступ к этой функциональности»**.
3	In that message, click the **«войдите в систему»** link		Browser opens **/login**; the Login page is displayed with fields **«Логин»**, **«Пароль»** and the **«Войти»** button.

G101-171 / Testing Documentation / Testing Documentation – Iana Nikhileeva / Product Catalog

View product list: required fields on each card

Priority	Severity	Behavior	Type
High	-	Positive	Functional

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone		
Actual	-		

Description

Verify that the catalog page loads and **every product card** contains the mandatory fields: image, title, short description, price, category, manufacturer, and a free-shipping line (if applicable).

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL https://qa.demoshopping.ru		The product list page is displayed; product cards are visible.
2	Check fields on each product card (for all visible cards)		• For **every** card, the following are present and not empty: ○ Product **image** (rendered, not broken); ○ **Title**; ○ **Short description**; ○ **Price** in the format "<number> <currency>" (e.g., `1477.00 USD`); ○ **Category**; ○ **Manufacturer** ○ **Free-shipping line** with a valid value: **«Бесплатная доставка: Да»** or **«Бесплатная доставка: Нет»**

#	Step	Action	Expected Result
3	Visual sanity (per card)		No placeholder/empty values (e.g., `—`, `null`, `undefined`); text is readable and not cut off

G101-176 / Testing Documentation / Testing Documentation – Iana Nikhileeva / Product Catalog

Pagination: next page go to page 2 (6 products per page)

Priority	Severity	Behavior	Type
High	-	Positive	Functional

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone		
Actual	-		

Description

Verify that the user can navigate to the next catalog page and that each page displays no more than 6 products

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL https://qa.demoshopping.ru		The catalog page is displayed and product cards are visible. Pagination with page numbers is shown; page **1** is current and page **2** is available. Page 1 displays **exactly 6** product cards
2	Click page number **"2"** in the pagination		Page 2 loads (catalog content refreshes). Page 2 displays **exactly 6** product cards. The set of products on page 2 is different from page 1.

G101-177 / Testing Documentation / Testing Documentation – Iana Nikhileeva / Product Catalog

Pagination: previous page - return to page 1 by page number (6 products per page)

Priority	Severity	Behavior	Type
High	-	Positive	Functional

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone		
Actual	-		

Description

Verify that from page 2 a user can go back to page 1 by clicking the page number. Page 1 loads and shows exactly 6 products. The list of products changes when moving between pages

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL https://qa.demoshopping.ru		The catalog page is displayed; page numbers are visible at the bottom. Page number **2** is present and clickable. Page 1 shows **exactly 6** product cards
2	Click page number "2"		Page 2 opens; **the product list changes** compared to page 1. Product cards are shown (**up to 6** items on the page; if this is the last page, it may be fewer than 6)
3	Click page number "1"		Page 1 opens; **the product list changes** compared to page 2. Page 1 shows **exactly 6** product cards

G101-179 / Testing Documentation / Testing Documentation – Iana Nikhileeva / Product Catalog

Add to cart with valid quantity

Priority	Severity	Behavior	Type
High	-	Positive	Functional

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone		
Actual	-		

Description

Confirm that an authorized user can add an in-stock product to the cart with the default quantity **1**. Start on the catalog page with an empty cart (**Корзина (0)**). After clicking **«Добавить в корзину»**, a success banner **«Товар добавлен в корзину»** appears and the cart counter changes from **0 → 1**

Steps to reproduce

#	Step	Action	Expected Result
1	**Open URL:** https://qa.demoshopping.ru		The catalog page is displayed; product cards are visible. The cart counter in the header is shown Корзина (0)
2	Ensure quantity = 1 (default value) on the product card		The quantity control shows **1** and is enabled
3	Click button «Добавить в корзину» on that product card		A success notification is shown — **«Товар добавлен в корзину»**. The header counter **Корзина (0)** updates to **Корзина (1)**
4	Click «Корзина» in the header		The added product is listed once. Quantity = **1**.

#	Step	Action	Expected Result
			Line total equals the product unit price.
			Cart total reflects the item (no unexpected extra items).

G101-181 / Testing Documentation / Testing Documentation – Iana Nikhileeva / Product Catalog

Add to cart with invalid quantity = 0

Priority	Severity	Behavior	Type
High	-	Negative	Functional

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone		
Actual	-		

Description

Verify that the system prevents adding a product to the cart when the quantity is 0 or less

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL: `https://qa.demoshopping.ru`		The catalog page is displayed; product cards are visible. The cart counter in the header is shown Корзина (0) (If it's not 0, clear the cart and refresh the page.)
2	On any in-stock product card, set quantity to `0`		The quantity control shows **0**
3	Click button: «Добавить в корзину»		Adding is blocked: Error notification is shown: **«Некорректное количество»**. No green success banner appears. Cart counter in the header remains **(0)**.
4	Click «Корзина»		The cart page shows **no items**.

G101-183 / Testing Documentation / Testing Documentation – Iana Nikhileeva / Product Catalog

Add to cart without authorization

Priority	Severity	Behavior	Type
High	-	Negative	Functional

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone		
Actual	-		

Description

Verify that a guest user cannot add a product to the cart. Instead of adding, the system shows an authorization message with a working «Войти» link; the cart counter does not change

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL: `https://qa.demoshopping.ru`		The catalog page is displayed; product cards are visible. User is not logged in (header shows «Регистрация / Войти») The cart counter in the header is shown Корзина (0)
2	Click the **«Добавить в корзину»** button on any product card		An authorization message is shown: **«Пожалуйста, войдите в систему, чтобы добавить товар в корзину»** with a **«Войдите в систему»** link. The product is **not** added to the cart; the cart counter **remains 0**. No success banner like **«Товар добавлен в корзину»** is shown.
3	**Click** the **«Войдите в систему»** link inside the message		The user is redirected to the login page (**/login**)

G101-185 / Testing Documentation / Testing Documentation – Iana Nikhileeva / Product Catalog

Sorting: name Z → A

Priority	Severity	Behavior	Type
Medium	-	Positive	Functional

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone		
Actual	-		

Description

Verify that after selecting the sorting option «От Z до A», products on the current catalog page are ordered by name in descending alphabetical order

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL: `https://qa.demoshopping.ru`		The catalog page is displayed; product cards are visible and the "Сортировка" dropdown are visible.
2	Select option «От Z до A»		The product list refreshes; the control shows the selected value «От Z до A»

G101-187 / Testing Documentation / Testing Documentation – Iana Nikhileeva / Product Catalog

Sorting: price Low → High

Priority	Severity	Behavior	Type
High	-	Positive	Functional

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone		
Actual	-		

Description

Verify that selecting **«Цена по возрастанию»** in the «Сортировка» dropdown orders products from the lowest price to the highest.

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL: `https://qa.demoshopping.ru`		The catalog page is displayed; product cards are visible and the "Сортировка" dropdown are visible.
2	Open **«Сортировка»** and select **«Цена по возрастанию»**		The product list refreshes. Products on the page are ordered by price from lowest to highest. The active sorting option in the dropdown shows **«Цена по возрастанию»**

Filtering: by category + manufacturer + free shipping

Priority	Severity	Behavior	Type
High	-	Positive	Functional

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone		
Actual	-		

Description

Verify that product list is correctly filtered when multiple criteria are applied together

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL: `https://qa.demoshopping.ru`		Catalog page is displayed; the filters sidebar is visible («Все категории», «Все производители», «Бесплатная доставка»). Product cards are shown
2	In filter «Все категории», select `Phones`		Selection is applied — the field shows `Phones`
3	In filter «Все производители», select `Apple`		Selection is applied — the field shows `Apple`
4	Check (enable) the option «Бесплатная доставка»		The checkbox is ON
5	Click button «Применить фильтры»		The product list refreshes. Every visible card satisfies **all** conditions: • Category = `Phones` • Manufacturer = `Apple` • Line «Бесплатная доставка: Да» is present Products that do not meet any of the criteria are not displayed. If there are more than six matching items, results are paginated (no more than 6 cards per page

Filtering: empty result — no products found

Priority	Severity	Behavior	Type
Medium	-	Negative	Other

Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual

Status	Milestone		
Actual	-		

Description

Verify that a combination of filters with no matches hides all product cards and shows a clear empty-state message. The user can reset filters.

Steps to reproduce

#	Step	Action	Expected Result
1	Open URL: `https://qa.demoshopping.ru`		The catalog page is displayed; product cards and the filter panel are visible ("Все категории", "Все производители", "Бесплатная доставка")
2	Set price Min = `1`, Max = `300`		Values are accepted; fields show the entered numbers without errors
3	Open "Все категории" and select `Phones`		The filter shows the selected value `Phones`
4	Open "Все производители" and select `Apple`		The filter shows the selected value `Apple`
5	Enable the checkbox "Бесплатная доставка"		The checkbox is checked (ON)
6	Click the button "Применить фильтры"		The product list area refreshes. **No product cards are shown** (0 results). An empty-state message is displayed (e.g., **"No products found."**). The button **"Сбросить фильтры"** is available. Pagination (page numbers) is hidden
7	Click the button "Сбросить фильтры"		Filters are reset: category = "Все категории", manufacturer = "Все производители", "Бесплатная доставка" is unchecked, price fields are cleared; product cards are visible again