# Availability of login, password, and "Зарегистрироваться" button on the registration page

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | ↑ High | Positive | Exploratory |
| **Layer** | **Is Flaky** | **Milestone** | **Automation** |
| Not set | No | - | Manual |
| **Status** | **Is Muted** | | |
| Actual | No | | |

**Pre-conditions**

User isn't registered

**Tags**

GUI

**Steps to reproduce**

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Click the button "Войти/Зарегистрироваться" |
| Input data | |
| Expected result | Redirect to registration page |

| Step | 3 |
|---|---|
| Action | Find fields login and password, button "Зарегистрироваться" |
| Input data | |
| Expected result | Fields login and password, button "Зарегистрироваться" are displayed |

# The user registration with valid data

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | ↑ High | Positive | Exploratory |
| **Layer** | **Is Flaky** | **Milestone** | **Automation** |
| Not set | No | - | Manual |
| **Status** | **Is Muted** | | |
| Actual | No | | |

## Pre-conditions

User isn't registration

## Tags

User registration

## Parameters

Valid data login and password: Login: numbers, Latin letters, special character_ (3 symbols), password: numbers and Latin letters (8 symbols), Login: numbers, Latin letters, special character_ (4 symbols), password: numbers and Latin letters (9 symbols), Login: numbers, Latin letters, special character_ (14 symbols), password: numbers and Latin letters (9 symbols), Login: numbers, Latin letters, special character_ (15 symbols), password: numbers and Latin letters (10 symbols)

## Steps to reproduce

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Click the button "Войти/Зарегистрироваться" |
| Input data | |
| Expected result | Redirect to registration page |

| Step | 3 |
|---|---|
| Action | Input valid data login and password and click button "Зарегистрироваться" |
| Input data | |
| Expected result | Registration is successful, redirect to home page |

# The error message is displayed when user is trying to register with invalid data

| **Severity** | **Priority** | **Behavior** | **Type** |
|---|---|---|---|
| O Normal | O Medium | Positive | Exploratory |
| **Layer** | **Is Flaky** | **Milestone** | **Automation** |
| Not set | No | - | Manual |
| **Status** | **Is Muted** | | |
| Actual | No | | |

**Pre-conditions**

User isn't registered

**Tags**

User registration

**Parameters**

Invalid data login and password: Login: numbers, Latin letters, special character_ (2 symbols), password: numbers and Latin letters (7 symbols), Login: numbers, Latin letters, special character_ (16symbols), password: numbers and Latin letters (6 symbols), Login:0, password:0, Login: empty value, password: empty value, Login: any letters (except Latin), password: only numbers, Login: only characters, password: only letters (Latin), Login: numbers, Latin letters, special character_ (1 symbols), password: only letters (except Latin), Login: numbers, Latin letters, special character_ (17symbols), password: only characters

**Steps to reproduce**

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Click the button "Войти/Зарегистрироваться" |
| Input data | |
| Expected result | Redirect to registration page |

| Step | 3 |
|---|---|
| Action | Enter invalid data login and password and click button "Зарегистрироваться" |
| Input data | |

| Expected result | An error message "The username must contain 3 to 15 characters and can include letters, numbers, and symbols: _. The password must be at least 8 characters long, including at least one letter and one number" is displayed when user is trying to register with invalid data |

# The button "Войти" changes to the button "Выйти" upon successful authorization

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | ↑ High | Positive | Exploratory |

| Layer | Is Flaky | Milestone | Automation |
|---|---|---|---|
| Not set | No | - | Manual |

| Status | Is Muted | | |
|---|---|---|---|
| Actual | No | | |

**Pre-conditions**

User is registered, not authorized

**Tags**

User registration

**Steps to reproduce**

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Find the button "Войти" |
| Input data | |
| Expected result | The button "Войти" is displayed |

| Step | 3 |
|---|---|
| Action | Log in the system |
| Input data | |
| Expected result | Log in completed, the home page is opened |

| Step | 4 |
|---|---|
| Action | Find the button "Выйти" |
| Input data | |
| Expected result | The button "Выйти" is displayed |

# The error message "Invalid username or password" is displayed when a user tries to log in with an existing login and an incorrect password

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | O Medium | Positive | Exploratory |

| Layer | Is Flaky | Milestone | Automation |
|---|---|---|---|
| Not set | No | - | Manual |

| Status | Is Muted | | |
|---|---|---|---|
| Actual | No | | |

**Pre-conditions**

User login and password are in the system

**Tags**

login

**Steps to reproduce**

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The page is opened |

| Step | 2 |
|---|---|
| Action | Click the button"Регистрация/Войти" |
| Input data | |
| Expected result | Redirect to registration and authorization page |

| Step | 3 |
|---|---|
| Action | Enter existing login |
| Input data | |
| Expected result | Data login is entered |

| Step | 4 |
|---|---|
| Action | Input incorrect and valid password |

| | |
|---|---|
| Input data | |
| Expected result | Data password is entered |

| | |
|---|---|
| Step | 5 |
| Action | Click the button "Зарегистрироваться" |
| Input data | |
| Expected result | The error message "Invalid username or password" is displayed when a user tries to log in with an existing log in and an incorrect password |

# An authorized user has access to all tabs without restrictions

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | ↑ High | Positive | Exploratory |
| **Layer** | **Is Flaky** | **Milestone** | **Automation** |
| Not set | No | - | Manual |
| **Status** | **Is Muted** | | |
| Actual | No | | |

## Pre-conditions

User is authorized

## Tags

functional

## Steps to reproduce

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Log in the system |
| Input data | |
| Expected result | Log in completed, the home page is opened |

| Step | 3 |
|---|---|
| Action | Click on the tab "Каталог" |
| Input data | |
| Expected result | Redirect to the page "Каталог" |

| Step | 4 |
|---|---|
| Action | Click on the tab "О компании" |
| Input data | |
| Expected result | Redirect to the page "О компании" |

| Step | 5 |
|---|---|
| Action | Click on the tab "Контакты" |
| Input data | |
| Expected result | Redirect to the page "Контакты" |

| Step | 6 |
|---|---|
| Action | Click on the tab "Корзина" |
| Input data | |
| Expected result | Redirect to the page "Корзина" |

| Step | 7 |
|---|---|
| Action | Click on the tab "Оплата" |
| Input data | |
| Expected result | Redirect to the page "Оплата" |

| Step | 8 |
|---|---|
| Action | Click on the tab "История заказов" |
| Input data | |
| Expected result | Redirect to the page "История заказов" |

# Logging out after clicking the button "Выйти" is performed

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | ↑ High | Positive | Exploratory |

| Layer | Is Flaky | Milestone | Automation |
|---|---|---|---|
| Not set | No | - | Manual |

| Status | Is Muted | | |
|---|---|---|---|
| Actual | No | | |

## Pre-conditions

User isn't authorized

## Tags

log out

## Steps to reproduce

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Log in the system |
| Input data | |
| Expected result | Log in completed, the home page is opened, the button "Выйти" is displayed |

| Step | 3 |
|---|---|
| Action | Click the button "Выйти" |
| Input data | |
| Expected result | User logged out, the button "Войти" changed to button "Выйти" |

Logging out after clicking the button "Выйти" is performed

# The message information with a link to login is displayed, when an unauthorized user is clicking the tab "Корзина"

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | O Medium | Positive | Exploratory |
| **Layer** | **Is Flaky** | **Milestone** | **Automation** |
| Not set | No | - | Manual |
| **Status** | **Is Muted** | | |
| Actual | No | | |

**Pre-conditions**

User isn't authorized

**Tags**

Go to cart

**Steps to reproduce**

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Click the tab "Корзина" |
| Input data | |
| Expected result | information message with a link to login is displayed, when an unauthorized user is clicking the tab "Корзина" |

| Step | 3 |
|---|---|
| Action | Click the link from the information message |
| Input data | |
| Expected result | Redirect to authorization page |

# After logging out, the system reverts to an unauthorized state, and the user is redirected to the login page or the homepage

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | O Medium | Positive | Exploratory |
| **Layer** | **Is Flaky** | **Milestone** | **Automation** |
| Not set | No | - | Manual |
| **Status** | **Is Muted** | | |
| Actual | No | | |

**Pre-conditions**

User is authorized

**Tags**

log out

**Steps to reproduce**

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Log in the system |
| Input data | |
| Expected result | Log in completed, the home page is opened |

| Step | 3 |
|---|---|
| Action | Click the tab "Корзина" |
| Input data | |
| Expected result | Redirect to cart page |

| Step | 4 |
|---|---|
| Action | Click the button "Выйти" |
| Input data | |
| Expected result | The system reverts to an unauthorized state, and the user is redirected to the login page or the homepage |

# The button "Войти" should change to "Выйти" after successful registration

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | O Medium | Positive | Exploratory |
| **Layer** | **Is Flaky** | **Milestone** | **Automation** |
| Not set | No | - | Manual |
| **Status** | **Is Muted** | | |
| Actual | No | | |

**Pre-conditions**

User isn't registered

**Tags**

User registration

**Steps to reproduce**

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Click the button "Зарегистрироваться/Войти" |
| Input data | |
| Expected result | Redirect to registration page |

| Step | 3 |
|---|---|
| Action | Find the button "Войти" |
| Input data | |
| Expected result | The button "Войти" is displayed |

| Step | 4 |
|---|---|
| Action | Enter valid values logon and password and click the button "Зарегистрироваться" |
| Input data | |
| Expected result | Successful registration, the button "Войти" should change to "Выйти" |

# The product catalog contains filters, sorting and product cards

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | O Medium | Positive | Exploratory |

| Layer | Is Flaky | Milestone | Automation |
|---|---|---|---|
| Not set | No | - | Manual |

| Status | Is Muted | | |
|---|---|---|---|
| Actual | No | | |

**Tags**

GUI, functional

**Steps to reproduce**

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Click the tab "Каталог" |
| Input data | |
| Expected result | Redirect to Product Catalog page |

| Step | 3 |
|---|---|
| Action | Find filters, sorting and product cards |
| Input data | |
| Expected result | Filters, sorting and product cards is displayed |

# The product card contains an image, name, description, price, category, manufacturer and free shipping information

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | O Medium | Positive | Exploratory |
| **Layer** | **Is Flaky** | **Milestone** | **Automation** |
| Not set | No | - | Manual |
| **Status** | **Is Muted** | | |
| Actual | No | | |

**Tags**

GUI

## Steps to reproduce

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Click the tab "Каталог" |
| Input data | |
| Expected result | Redirect to Product Catalog page |

| Step | 3 |
|---|---|
| Action | Find an image, name, description, price, category, manufacturer and free shipping information in the product card |
| Input data | |
| Expected result | Image, name, description, price, category, manufacturer and free shipping information is displayed |

# The user can navigate pages using pagination

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | O Medium | Positive | Exploratory |
| **Layer** | **Is Flaky** | **Milestone** | **Automation** |
| Not set | No | - | Manual |
| **Status** | **Is Muted** | | |
| Actual | No | | |

**Tags**

navigation

## Steps to reproduce

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Click the tab "Каталог" |
| Input data | |
| Expected result | Redirect to Product Catalog page |

| Step | 3 |
|---|---|
| Action | Find pagination element |
| Input data | |
| Expected result | The pagination element is displayed |

| Step | 4 |
|---|---|
| Action | Click the page number 1 in the pagination element |
| Input data | |
| Expected result | The page number 1 is opened |

| Step | 5 |
|---|---|
| Action | Click last page in the pagination element |

Input data

Expected result          Last page in the pagination element is ipened

# Every page "Каталог" consists limited number of products (not more than 6)

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | ↓ Low | Positive | Exploratory |
| **Layer** | **Is Flaky** | **Milestone** | **Automation** |
| Not set | No | - | Manual |
| **Status** | **Is Muted** | | |
| Actual | No | | |

**Tags**

functional

**Steps to reproduce**

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Click the tab "Каталог" |
| Input data | |
| Expected result | Redirect to Product Catalog page |

| Step | 3 |
|---|---|
| Action | Click any page in the pagination element except last page |
| Input data | |
| Expected result | Corresponding page is opened, the number of products on the page is 6 |

| Step | 4 |
|---|---|
| Action | Click the last page number in the pagination element |
| Input data | |
| Expected result | The last page is opened, the number of products on the page is =<6 |

# The error message is displayed if products do not load

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | O Medium | Positive | Exploratory |
| **Layer** | **Is Flaky** | **Milestone** | **Automation** |
| Not set | No | - | Manual |
| **Status** | **Is Muted** | | |
| Actual | No | | |

## Steps to reproduce

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Click the tab "Каталог" |
| Input data | |
| Expected result | Redirect to Product Catalog page |

| Step | 3 |
|---|---|
| Action | Find product cards on the page |
| Input data | |
| Expected result | Product cards are not displayed on the page, error message is displayed |

# An information message is displayed when an unauthorized user clicks the button "Добавить в корзину"

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | ↑ High | Positive | Exploratory |
| **Layer** | **Is Flaky** | **Milestone** | **Automation** |
| Not set | No | - | Manual |
| **Status** | **Is Muted** | | |
| Actual | No | | |

**Pre-conditions**

User isn't authorized

**Tags**

Add to cart

**Steps to reproduce**

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Click the tab "Каталог" |
| Input data | |
| Expected result | Redirect to Product Catalog page |

| Step | 3 |
|---|---|
| Action | Click any button "Добавить в корзину" on the page |
| Input data | |
| Expected result | An information message is displayed when an unauthorized user clicks the button "Добавить в корзину" |

# Filtering and sorting functions work correctly

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | O Medium | Positive | Exploratory |
| **Layer** | **Is Flaky** | **Milestone** | **Automation** |
| Not set | No | - | Manual |
| **Status** | **Is Muted** | | |
| Actual | No | | |

**Tags**

functional

## Steps to reproduce

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Click the tab "Каталог" |
| Input data | |
| Expected result | Redirect to Product Catalog page |

| Step | 3 |
|---|---|
| Action | Select sorting products |
| Input data | |
| Expected result | Select sorting completed |

| Step | 4 |
|---|---|
| Action | Select filtering parameter by Categories |
| Input data | |
| Expected result | Filtering parameter by Categories is selected |

| Step | 5 |
|---|---|
| Action | Select filtering parameter by Manufacturers |

| | |
|---|---|
| Input data | |
| Expected result | Filtering parameter by Manufacturers is selected |

| | |
|---|---|
| Step | 6 |
| Action | Click the checkbox element "Бесплатная доставка" |
| Input data | |
| Expected result | Filtering parameter "Бесплатная доставка" is selected |

| | |
|---|---|
| Step | 7 |
| Action | Click the button "Применить фильтры" |
| Input data | |
| Expected result | The list of products is updated according to the selected filters and sorting.Pairwise testing |

# The user can reset all selected filters with one click

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | O Medium | Positive | Exploratory |
| **Layer** | **Is Flaky** | **Milestone** | **Automation** |
| Not set | No | - | Manual |
| **Status** | **Is Muted** | | |
| Actual | No | | |

**Pre-conditions**

Filtering is set

**Steps to reproduce**

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Click the tab "Каталог" |
| Input data | |
| Expected result | Redirect to Product Catalog page |

| Step | 3 |
|---|---|
| Action | Filter product list by parameters (e.g. Категория="Phones", Производитель="Apple", "Бесплатная доставка"=true) |
| Input data | |
| Expected result | The list of products is updated according to the selected filters |

| Step | 4 |
|---|---|
| Action | Click the button "Сбросить фильтры" |
| Input data | |
| Expected result | Selected filters are reset |

# The error message is displayed when the user adds a quantity of items equal to 0 to the cart

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | O Medium | Positive | Exploratory |
| **Layer** | **Is Flaky** | **Milestone** | **Automation** |
| Not set | No | - | Manual |
| **Status** | **Is Muted** | | |
| Actual | No | | |

**Pre-conditions**

User is authorized

**Tags**

Add to cart

**Steps to reproduce**

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Log in the system |
| Input data | |
| Expected result | Log in completed, the main page is opened |

| Step | 3 |
|---|---|
| Action | Click the tab "Каталог" |
| Input data | |
| Expected result | Redirect to product catalog page |

| Step | 4 |
|---|---|
| Action | Enter quantity of products = 0 |
| Input data | |
| Expected result | The quantity of products = 0 is set |

| | |
|---|---|
| Step | 5 |
| Action | Click the button "Добавить в корзину" |
| Input data | |
| Expected result | Products aren't added,<br>the error message is displayed when the user adds a quantity of items equal to 0 to the cart |

# An error message is displayed when a user adds a negative item quantity to their cart

| Severity | Priority | Behavior | Type |
|---|---|---|---|
| O Normal | O Medium | Positive | Exploratory |
| **Layer** | **Is Flaky** | **Milestone** | **Automation** |
| Not set | No | - | Manual |
| **Status** | **Is Muted** | | |
| Actual | No | | |

**Pre-conditions**

User is authorized

**Tags**

add product

**Steps to reproduce**

| Step | 1 |
|---|---|
| Action | Go to https://qa.demoshopping.ru |
| Input data | |
| Expected result | The home page is opened |

| Step | 2 |
|---|---|
| Action | Log in the system |
| Input data | |
| Expected result | Log in completed, the main page is opened |

| Step | 3 |
|---|---|
| Action | Clock the tab "Каталог" |
| Input data | |
| Expected result | Redirect to product catalog page |

| Step | 4 |
|---|---|
| Action | Enter quantity of product < 0 in field element |
| Input data | |
| Expected result | Quantity of product < 0 is set |

| | |
|---|---|
| Step | 5 |
| Action | Click the button "Добавить в корзину" |
| Input data | |
| Expected result | An error message is displayed when a user adds a negative item quantity to their cart |