# Task 1

It is needed to test the functions of sign-up, sign-in, search and add items to cart for website https://www.sportmaster.ru/.
● Create a test plan
● Add test cases or sets of test cases to the test plan
● If a set of test cases is being compiled, specify the method for combining test cases in the description of the set aggregation
● Prioritise test cases when time is limited
● The total number of test cases should be 10.
● Classify each test case into all test types
● Write a summary of the results of the testing (in free form - what conclusions can be made)

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## Test Plan:

What to test: site sportmaster.ru
What will be tested: functions of registration, authorization, search and adding items to cart.
How going to test:
Types of testing: manual testing
Environment: Chrome v 112.0.5615.138
Testing is running on: Windows 10 Home v 22H2

| 1 | | |
|---|---|---|
| Title - Incorrect phone number, sign-in | | |
| Priority - A | | |
| Related information: type of testing - smoke testing, functional testing | | |
| Preconditions - Go to https://www.sportmaster.ru/ | | |
| Playback steps | Expected result | |
| 1. Press the "Login" button | A form for typing the phone number will appear | |
| 2. Entering values from the "Value" field | Value | Result |
| | Entering an obviously | The text below the form shows |

| | non-existent phone number | an error: "Incorrect phone number". |
|---|---|---|
| | Empty phone number | The text below below the form shows an error: 'Please fill in a required field' |

| 2 | |
|---|---|
| Title - Correct phone number, sign-in | |
| Priority - A | |
| | |
| Preconditions- Go to https://www.sportmaster.ru/ | |

| Playback steps | Expected result |
|---|---|
| 1. Press the " Sign in " button | A form for entering your phone number appears |
| 2. Entering the correct phone number in the authorisation field | An SMS code is sent to the entered number |
| 3. Entering sms-code | The user with the given phone number is authorised |

| 3 | |
|---|---|
| Title - Site Element "Shopping Cart" | |
| Priority - B | |
| | |
| Preconditions- Go to https://www.sportmaster.ru/ (cart is empty) | |

| Playback steps | Expected result |
|---|---|
| 1. Click on the " Shopping cart" button in the top right corner. | 1. The shopping cart will open |
| 2. Press the "Catalogue" button, then point to any product and press the "To Cart" button, then press the "Go to Cart" button | 2. The list of goods saved in the cart will be opened. |

| 4 |
|---|
| Title - Deleting items from the cart without the possibility of recovery |

| Priority- B |  |
|---|---|
| Related information: type of testing - functional testing, critical path testing | |
| Preconditions- Go to https://www.sportmaster.ru/ (cart has items in it) | |
| Playback steps | Expected result |
| 1. In the upper part of the item press the "Delete" button. The same button is present in the graphic style when hovering the cursor over the bottom right part of the product description<br><br>2. Click on the "Cancel" button<br><br>3. Press the "DELETE" button | 1. The "Delete items?" warning appears.<br><br>2. The item will remain in the cart<br><br>3. The selected item will be deleted from the cart |

| 5 |  |
|---|---|
| Title - Deleting an item with the possibility to return it from deleted items | |
| Priority - B | |
| Related information: type of testing - functional testing, critical path testing | |
| Preconditions- Go to https://www.sportmaster.ru/ (cart has items in it) | |
| Playback steps | Expected result |
| 1. Another button "delete" is present in the graphic style when pointing to the bottom right of the product description, click on it<br><br>2. Press the "return deleted item" button<br><br>3. Press the "✖" button on the product form in the right edge | 1. All information on the item is deleted, except for its name.<br><br>2. The product remains in the cart in the form in which it was added.<br><br>3. All remaining information about the product is deleted |

| 6 |
|---|
| Title - Site Search (without data in the "search" field) |
| Priority - B |
| Related information: type of testing - functional testing, critical path testing |

| Preconditions- Go to https://www.sportmaster.ru | |
|---|---|
| Playback steps | Expected result |
| 1. At the top in the middle, there is a search form on the site, click on the form<br>2. Click on any item from the drop-down list (category or product) | 1. Form from disabled state goes to enabled state, and some products and product categories are displayed in the drop-down list below.<br>2. The user enters the product catalogue |

| 7 |
|---|
| Title - Search on the site with checking of product parameters filtering (with data in the "search" field) |
| Priority - B |
| Related information: type of testing - functional testing, critical path testing |
| Preconditions - Go to https://www.sportmaster.ru/, **click on the 'search'** field |

| Playback steps | Expected result |
|---|---|
| 1. Enter the item "yellow T-shirt" in the form | 1.The user enters a category that contains only products that match the description "yellow t-shirt". Based on what is written in the form, the site algorithms marked "yellow" in the search as a color, and then based on this, made a selection. |

| 8 |
|---|
| Title - SQL injection of the "search" form |
| Priority - AC |
| Related information: type of testing - extended testing, smoke testing |
| Preconditions - Go to https://www.sportmaster.ru/, **click on the 'search' field** |

| Playback steps | Expected result |
|---|---|
| 1. In the search field, type: <IMG SRC=j&#X41vascript:alert('test2')>.<br><br>2. In the search field enter: <script>alert('XSS')</script><br><br>3. In the search field, type:<br><br>javascript:alert('alert'); | 1.The following information is displayed: "Unfortunately, we didn't find anything according to your request. Try changing your query or use the catalogue." And also the button "go to catalogue" appears<br><br>2. The following message is displayed: "Unfortunately, we didn't find anything |

| | for your query. Try changing your query or use the catalogue." And also the button "go to catalogue" appears.<br><br>3.The following message is displayed: "Sorry, we didn't find anything for your request. Try to change your query or use the catalogue." And also the button "go to catalogue" appears. |
| --- | --- |

| 9 |
| --- |
| Title – Large number of characters of different types in the form "search" |
| Priority – ℂ |
| Related information –  types of testing:  extended testing,  sanity testing |
| Preconditions – Go to  https://www.sportmaster.ru/**, click on the 'search' field** |

| Playback steps | Expected result |
| --- | --- |
| 1. In the "search" field, enter the number of characters significantly greater than the visible area of the form. In this test a text with 2493 characters of different type (symbols in different languages, emojis, punctuation marks, numbers, spaces) was used. | 1. The following message is displayed: "Sorry, we didn't find anything for your request. Try to change your query or use the catalogue." And also the button "go to catalogue" appears. Besides, the number of possible input characters is already limited in the form to a value of 69 characters |

| 10 |
| --- |
| Title – Forms "search" with space characters only |
| Priority – ℂ |
| Related information –  types of testing:  extended testing,  sanity testing |
| Preconditions – Go to  https://www.sportmaster.ru/**, click on the 'search' field** |

| Playback steps | Expected result |
| --- | --- |
| 1.In the "search" field enter any number of space characters, press the "find" button | 1. No action is performed and all space characters are stored in the form in the same number as originally entered |

| 11 |
| --- |

| Title - Sign-up | |
|---|---|
| Priority - A | |
| Related information: type of testing - functional testing, critical path testing | |
| Preconditions - Go to https://www.sportmaster.ru/ | |
| Playback steps | Expected result |
| 1.  Click on the "Sign in" button on the home bar of the site (it also contains the logo and search). | 1. A parental window appears with a form for entering a mobile number |
| 2. Enter the correct phone number, then click on the "RECEIVE CODE" button. | 2. A 4-digit one-time confirmation code is sent to the entered number |
| 3. After receiving the sms-code, enter it in the field "Confirmation code*". | 3. A page appears, on which there is a form for typing the user name |
| 4. In the field "Name" enter your name, then tick the top check-box (because it is mandatory) and click on the button "Create Account" | 4. The site page is updated and loaded with an existing and valid user account |

**Summary:** In the process of testing the following sections of the site sportmaster.ru were tested: registration, authorization, search and adding items to the cart. Test cases were written for these sections of the site, with a detailed description of each test.

# Task 2

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## UI/UX checklist

**UI**

1. All lettering is clearly legible and the colour scheme is consistent with the company's style

2. A drop-down list with a large number of values has a scrolling option.

3. Clicking on a button should cause a single action. Clicking again should not cause a second action.

4. All web application checkboxes are the same size and colour; do not cause the user to feel anxious.

5. Clicking on a link should trigger an action that is described in the requirements.

## UX

Understandability, unambiguity – when entering any page, the user, for the first 5 seconds should get a clear idea of the subject of the site, and its functionality.

The site should be displayed correctly on both desktops and mobile devices

You should pay attention to the loading time of the site, it should not exceed 2 seconds. Take into account: the size of images, connection of scripts, data compression, the presence of caching, etc.

In menus, buttons and other interactive elements should be used user-understandable terms. They should indicate a specific action produced by the element.

There should be no forcibly played content on the site: background music, automatically playing videos (especially with sound). An exception is background video, for example, in a slider.