1. A comparative table of three types of test documentation:

| Name of the test documentation | Basic characteristics | Advantages | Disadvantages |
| --- | --- | --- | --- |
| Checklist | The checklist is a list of checks to test the product.  1.The characteristic  has a table form, where each row describes the tasks we have to perform.  2.One item=one test.  3.Opposite each task there are cells to record its status. For example: “Passed”,”Failed”,”Blocked”,”Skipped”,”Non run”.  4.If testing is carried out by several testers, you must specify the name of the tester who tests this item.  5.If each tester is recognized for testing on an individual platform. You should always specify the name of the device, the name of the browser and its version. | 1. Understand the amount of work done and the work to be done on testing.  2.Not to repeat checks and not to miss anything important in the testing process.  3.See the process of system readiness as a whole.  4.The checklist is easy to read. | 1.The checklist is not detailed enough.  2.Testing is superficial.  3.Uncertainty of the tested set: each tester performs the checklist item differently. |
| Test case | The test case is a clear description of the steps you need to take to test a particular feature of your application.  1.Should describe specific steps.  2The test case should not be dependent on or related to other test cases.  3.Understandable to any member of the team.  4.The test case must contain attributes:”Title”, “Description”, “Priority”, “Prerequisite”, “Reproduction steps”, “Expected result”, “Actual result”, “Environment”, “Additional information”. | 1.Easy error diagnosis.  2.Simple and straightforward, can be performed by juniors. | 1.Takes a lot of time to create |
| Use case | The use case is a list of actions, scenarios, in which the user interacts with the application to achieve a specific goal.  1.The use case describes not how the program does something, but what it does.  2.A use case can describe: who uses the site; what the user wants to do; the user's goal; the steps the user takes to take certain actions; a description of how the site or app responds to the user's actions.  3.Сan be visualized using diagrams. | 1. Use case testing helps to identify gaps in software applications that might not be found by testing individual software components.  2.The use case is almost a ready-made test case. | superficial description  describe only the use side of the system, not the functionality. |

1. Сheck list for the site rosetka.ua

| Inspection points | Chrome 105.0.5195.127 | Mozilla Firefox  89.0.1 | Opera  77.0.4054.172 | Safari  14.1 |
| --- | --- | --- | --- | --- |
| New user registration:  -email  -social networks  -field validation | passed  passed  passed | passed  passed  passed | passed  passed  passed | passed  passed  passed |
| Possibility to enter already registered user | failed | failed | failed | failed |
| Checking the cart:  -possibility to add an item to cart  -removing items from cart  -display the number of items in the cart | passed  passed  failed | passed  passed  failed | passed  passed  failed | passed  passed  failed |
| Checking the function of changing the language of the site. | passed | failed | passed | failed |
| Checking the search function:  -entering the goods which are on the site  -input the product which is not on the site | in Progress  not run | failed  failed | failed  failed | failed  failed |
| Check the voice search function  -product drop-down list by product category should appear  list validation  -switch to the required product  -product list clickability  -appearance of product subcategories | not run  not run  not run  not run | not run  not run  not run  not run | not run  not run  not run  not run | not run  not run  not run  not run |
| Updating the list of promotions and displaying their quantity | skipped | skipped | skipped | skipped |
| Checking the clickability of the link to install the application  -on iOS  -on iPhone | passed  passed | failed  passed | passed  failed | not run  not run |
| Check the transition to social networks | not run | not run | not run | not run |
| Video display on your YouTube channel | not run | not run | not run | not run |
| Checking the functionality of the feedback form | not run | not run | not run | not run |
| Check the "show more" button | skipped | skipped | skipped | skipped |
| Checking the product delivery points display | skipped | skipped | skipped | skipped |
| Check the clickability of the links | not run | not run | not run | not run |

1. Positive test cases

| ID:01  Name:New user registration  Description:Testing the registration of a new user on the site rozetka.ua in the browser Chrome  Priority:Blocked  Steps:  1. Open the site rozetka.ua in browser Chrome.  2. In the open browser click the icon "registration".  3. In the window that opens, click the "Register" button.  4. In the registration form open, enter all the specified fields.  5. Click the register button.  Expected result: New user is successfully registered and logged in  Actual result: New user is successfully registered and logged in |
| --- |
| ID:02.  Name:Searching for an item using the "Search" line  Description:When you enter in the "Search" line of the site, the necessary product, a page with all products with the same name should open.  Priority:High  Steps:  1.Open the site rozetka.ua in Chrome browser.  2.In the open site in the "Search" line, enter the name of the desired product, for example, "Painting by numbers".  3.Press the find button  Expected result: Opens a page with all the products with this name  Actual result: Opens a page with all the products with this name |
| ID:03.  Name:Display of goods in the cart.  Description:When selecting an item on the site, it should be displayed in the cart.  Priority:High  Steps:  1. Open the site rozetka.ua in browser Chrome.  2. Choose any item by clicking on it  3. In the opened window with the item click "Buy" button  4. Click on the icon "Cart"  Expected result: Choose any item by clicking on it  Actual result: In the window that opens should appear the item we have just selected |
| ID:04.  Name:Removing an item from the cart  Description:The item that the user chose and then changed his mind to buy can be removed from the cart before the order is placed.  Priority:High  Prerequisite:Initially, you need to do all the steps in test case 03  Steps:  1. 1-4 from test case 03  2. All selected items will appear in the window that opens, find the item you want to delete  3. Press the three dots in the upper right corner of the selected item to delete it  4. Click on the button to delete the item  Expected result: The item is removed from the cart  Actual result: The item is removed from the cart |
| ID:05.  Name:Order registration.  Description:After filling in all the fields, and confirming the purchase, the request should be accepted into work.  Priority:High  Prerequisite:Initially, you need to do all the steps in test case 03  Steps:  1. 1-4 from test case 03  2. In the window with all the selected items that opens, click "checkout" button  3. Window with the form for "checkout" will open  4. Fill in all the required fields in the ordering window  5. Press the "confirm order" button  Expected result: The order should appear in the system for processing and information on successful ordering should appear  Actual result: The order should appear in the system for processing and information on successful ordering should appear |

Negative test cases

| ID:06  Name:Entered the wrong password  Description:Entering an incorrect password by an already registered user  Priority:Blocked  Steps:  1. Open the site rozetka.ua in browser Chrome.  2. In the open browser click the icon "registration".  3. In the form that opens, enter the email that was entered during registration  4. In the password field enter the incorrect password  5. Press the button to enter  6. Check that we are not a robot  7. Press the login button again  Expected result: An error message appears saying that the password was entered incorrectly  Actual result: An error message appears saying that the password was entered incorrectly |
| --- |
| ID:07.  Name:Entering a nonexistent product in the search field  Description: In the search field, enter a product that does not exist or in various numbers and letters:  Priority:High  Steps:  1.Open the site rozetka.ua in Chrome browser.  2.In the open site in the "Search" line, enter various letters and numbers  3.Press the find button  Expected result: A popup window should appear with the text that this product was not found  Actual result: A popup window should appear with the text that this product was not found |
| ID:08.  Name:When filling out the form to register on the site not to fill in some fields of the form.  Description:When filling out the registration form for a new user to leave the last name empty.  Priority:High  Steps:  1. Open the site rozetka.ua in browser Chrome.  2. In the open browser click the icon "registration".  3. In the window that opens, click the "Register" button.  4. In the registration form open, enter all the specified fields except for the last name field.  5. Click the register button.  Expected result: An empty field should be highlighted in red with a reminder that the field must be filled in  Actual result: An empty field should be highlighted in red with a reminder that the field must be filled in |
| ID:09.  Name:Change the minimum order quantity of a certain product.  Description: Check the behavior of the program if the product in which it is specified. that the order of only two units changes to one.  Priority:Medium  Steps:  1. Open the site rozetka.ua in browser Chrome.  2. In the search field, enter the product, for example, "Milk powder granules topping”, click the search button.  3. In the window that opens, the entered product appears, press the buy button.  4. Click on the icon "Cart"  5. This product is sold only from two items, change the number two in the number item to one in the window that opens  Expected result: It appears that this product is sold only from two units  Actual result: It appears that this product is sold only from two units |
| ID:10.  Name:Entered the wrong email  Description:Entering an incorrect email by an already registered user  Priority:Blocked  Steps:  1. Open the site rozetka.ua in browser Chrome.  2. In the open browser click the icon "registration".  3. In the form that opens, enter the password that was entered during registration  4. In the email field enter the incorrect  5. Press the button to enter  6. Check that we are not a robot  7. Press the login button again  Expected result: A message appears that the user with this email is not registered  Actual result: A message appears that the user with this email is not registered |