1. The regression set of your application consists of 2000 tests. You only have time for 200 test cases. Describe your course of action to create a regression set of cases.

For an effective regression testing process, it is important:

1. Create a regression execution plan. It should be included with the answers for such questions:
   - Find out the most important functionality of your project?
   - Which functionality has the largest safety impact?
   - Which functionality has the largest financial impact on users?
   - Which aspects of the application are most important to the customer?
   - Which parts of the code are most complex, and thus most subject to errors?
   - What do the developers think are the highest-risk aspects of the application?
   - What kinds of problems would cause the worst publicity?
   - What kinds of problems would cause the most customer service complaints?
   - What could have been broken during sprint?
   - Where defects usually are found?
   - What kinds of tests could easily cover multiple functionalities?
   - Which parts of the application were developed in rush or panic mode (if any)?
   - Which functionality is most visible to the user?
   - Which test cases can be automated in the future?

2. Estimate the time needed to complete regression testing.
3. Keep the documentation up to date.
4. Focus regression testing more on program functionality rather than design.
5. Ensure the continuous communication between project participants.
6. Use test cases for regression testing which had the errors in the previous release.
7. Regular revision of test cases.
8. Find and remove duplicate test cases.
9. If there are several similar test cases, choose the most effective one or create the test suites and exclude others from regression testing.
10. Archive tests that always pass.

2. Using any online store (Rozetka, Allo, Ali Express etc) write 3 main end2end scripts for regression testing. Would you cover them with automation?

E2E Scenario №1:

1.Go to the website https://rozetka.com.ua/

2.Click the "Зарегистрироваться" button to open the registration form.

3.Enter the registration data in the correct format (registration is successful).

4.Enter the correct credentials (login to your account).

5.Click on the Sign Out button (the system logs the user out of the account).

6.Click on Forgot password (a form for changing the password appears).

7.Log in to your account with a new password (login to your account).

8.Check the box Remember me (the system saves it for the next visit).

9.Login to your account by pressing Enter.

E2E Scenario №2:

1.Go to the website https://rozetka.com.ua/

2.Find and click the product on the main page of the site

3.Click on the "Купить" button

4.Make sure the "Оформить заказ" link appears and click on it

5.Go through the checkout process and enter your name, credit card, address, and other details.

6.Click the button "Подтвердить заказ".

7.Verify that the purchase was successful and the user received a confirmation email

E2E Scenario №3:

1. Add/remove products to/from "Список желаний"

2.You can easily add/remove items to/from "Корзина".

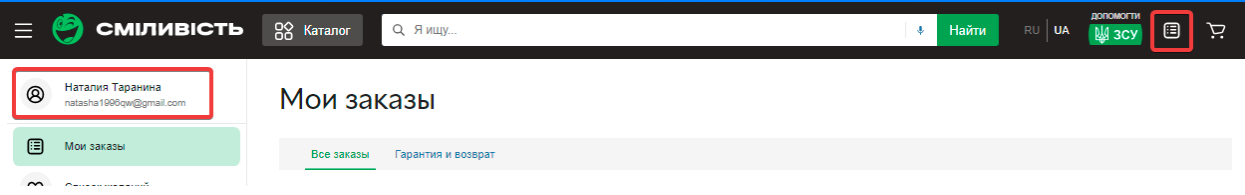3.Add the same product several times and change its quantity directly in the shopping cart.

4.Add the same product in different variations - color, size, etc.

5.You can add products from different categories to your shopping cart.

6.The items in the shopping cart are displayed with the correct names, images and prices.

7.The products are clickable and the links lead to the corresponding product pages.

8.The order price is updated when the user adds/removes a new item to/from the cart.

9.Shipping costs are included in the total price, but are displayed separately along with other options.

3. Based on e2e scripts from task 2. select test cases for Smoke test

Type	Test Case
ID	001
Environment	Chrome
Created at	27.06.2022
Created by	Nataliia Taranina

Preconditions	rozetka.com.ua is opened
Summary	Check the ability to register on the website

Steps to reproduce:	Expected Result:
1.Click on Menu Icon 2.Click "Регистрация" 3.Input the correct information in the fields and click "Зарегистрироваться"	1.Side-menu is appeared 2."Регистрация" pop-up is appeared 3."Регистрация" pop-up is closed and the user is logged in

Attachments

Type	Test Case
ID	002
Environment	Chrome
Created at	27.06.2022
Created by	Nataliia Taranina

Preconditions	rozetka.com.ua is opened
Summary	Check that the user is able to sign out

Steps to reproduce:	Expected Result:
1.Click on Menu Icon 2.Open account 3.Click "Выход" at the bottom of the page	1.Side-menu drawer appeared 2.Account page is opened 3.The user is signed out and transferred to the Home page

Attachments

Type	Test Case
ID	003
Environment	Chrome
Created at	27.06.2022
Created by	Nataliia Taranina

Preconditions	rozetka.com.ua is opened
Summary	Check that the user is able to change the password

Steps to reproduce:	Expected Result:
1.Click on Menu Icon 2.Click "Вход" 3.Click "Напомнить пароль" 4.Put the email and click "Получить временный пароль" 5.Use new temporary password for login in	1.Side-menu drawer appeared 2."Вход" pop-up is appeared 3."Получить временный пароль" button is appeared 4.Notification "На указанный адрес электронной почты отправлен временный пароль, введите его" is appeared 5.Вход" pop-up is closed and the user is logged in

Attachments

Type	Test Case
ID	004
Environment	Chrome
Created at	27.06.2022
Created by	Nataliia Taranina

Preconditions	rozetka.com.ua is opened
Summary	Check that the user is able to change temporary password

Steps to reproduce:	Expected Result:
1.Click on Menu Icon 2.Open account 3.Click "Изменить пароль" 4.Input temporary password and new password and click "Сохранить"	1.Side-menu drawer appeared 2.Account page is opened 3."Изменение пароля" pop-up is appeared 4."Изменение пароля" pop-up is closed and notification "Новый пароль успешно сохранен" is appeared

Attachments

Type	Test Case
ID	005
Environment	Chrome
Created at	27.06.2022
Created by	Nataliia Taranina

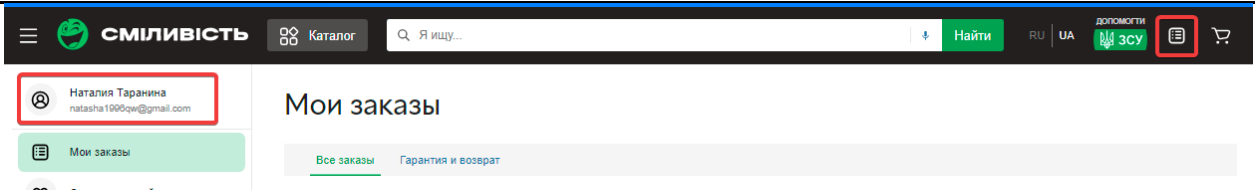| Preconditions	rozetka.com.ua is opened
Summary	Check that the user is able to login in with new password

Steps to reproduce:	Expected Result:
1.Click on Menu Icon 2.Click "Вход" 3.Input the login and new password	1.Side-menu drawer appeared 2."Вход" pop-up is appeared 3."Вход" pop-up is closed and the user is logged in

Attachments

Type	Test Case
ID	006
Environment	Chrome
Created at	27.06.2022
Created by	Nataliia Taranina

Preconditions	rozetka.com.ua is opened
Summary	Check the ability to sign in the website

Steps to reproduce:	Expected Result:
1.Click on Menu Icon 2.Click "Вход" 3.Input the correct login and password in the fields and click "Войти"	1.Side-menu is appeared 2."Вход" pop-up is appeared 3."Вход" pop-up is closed and the user is signed in

Attachments

Type	Test Case
ID	007
Environment	Chrome
Created at	27.06.2022
Created by	Nataliia Taranina

Preconditions	rozetka.com.ua is opened
Summary	Check the ability to save user login and password in the "Вход" pop-up

Steps to reproduce:	Expected Result:
1.Click on Menu Icon 2.Click "Вход" 3.Input the correct login and password in the fields and check the box "Запомнить меня" 4.Click "Войти"	1.Side-menu is appeared 2."Вход" pop-up is appeared 3. The checkmark in the box "Запомнить меня" is appeared 4."Вход" pop-up is closed and the user is signed in

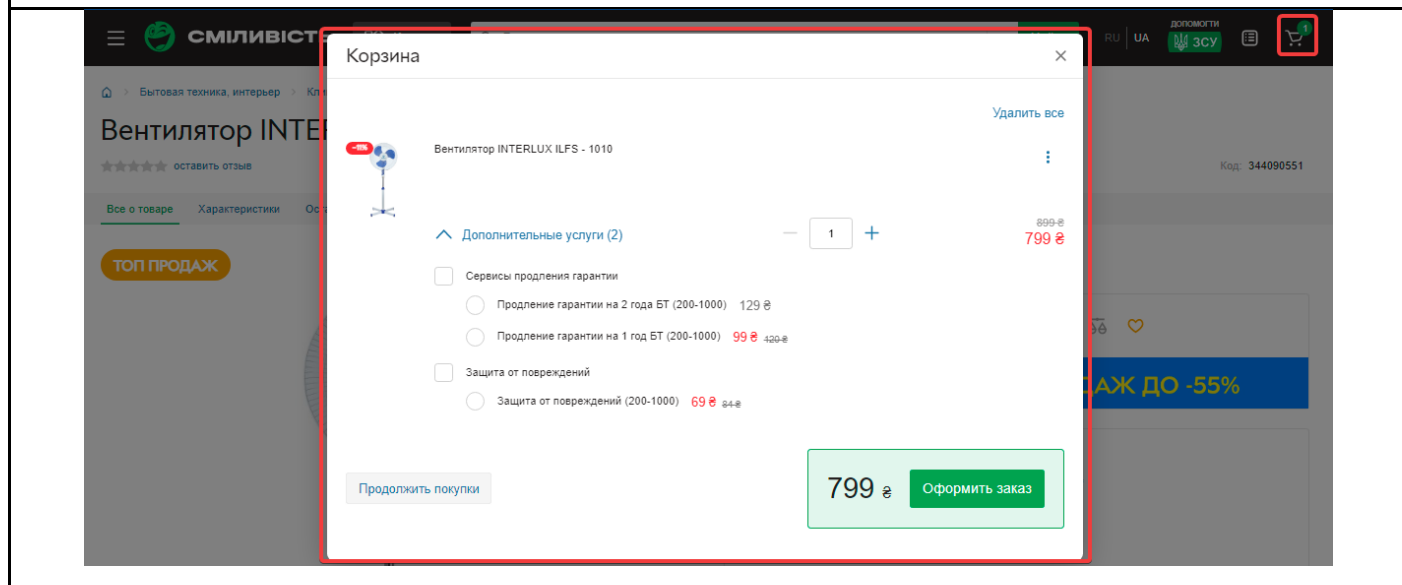| Attachments |
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Type	Test Case
ID	008
Environment	Chrome
Created at	27.06.2022
Created by	Nataliia Taranina

Preconditions	rozetka.com.ua is opened the user is signed in
Summary	Check the ability of adding the product to the shopping cart

Steps to reproduce:	Expected Result:
1.Find and click the product on the main page of the site 2.Click on the "Купить" button	1.The new page with the product information is opened 2.The pop-up "Корзина" is appeared, the chosen product is in it

Attachments

Type	Test Case
ID	009
Environment	Chrome
Created at	27.06.2022
Created by	Nataliia Taranina

Preconditions	rozetka.com.ua is opened the user is signed in
Summary	Check the ability of changing the product quantity in the shopping cart

Steps to reproduce:	Expected Result:
1.Find and click the product on the main page of the site 2.Click on the "Купить" button 3.Change the product quantity to 5	1.The new page with the product information is opened 2.The pop-up "Корзина" is appeared, the chosen product is in it 3.The product quantity displayed as 5

Attachments

Type	Test Case
ID	010
Environment	Chrome
Created at	27.06.2022
Created by	Nataliia Taranina

Preconditions	rozetka.com.ua is opened the user is signed in
Summary	Check the ability of removing the product from the shopping cart

Steps to reproduce:	Expected Result:
1.Find and click the product on the main page of the site 2.Click on the "Купить" button 3.Click on Action menu button in the right of the "Корзина" pop-up 4.Select "Удалить" from the dropdown	1.The new page with the product information is opened 2.The pop-up "Корзина" is appeared, the chosen product is in it 3.The dropdown is appeared 4.The chosen product is removed from the shopping cart

Attachments

Type	Test Case
ID	011
Environment	Chrome
Created at	27.06.2022
Created by	Nataliia Taranina

Preconditions	rozetka.com.ua is opened the user is signed in
Summary	Check the ability of adding the same product with different sizes in the shopping cart

Steps to reproduce:	Expected Result:
1.Find and click the product on the main page of the site 2.Choose one size and click on the "Купить" button 3.Click on "Продолжить покупки" button in the left of the "Корзина" pop-up 4.Choose another size of the same product and click on the "Купить" button	1.The new page with the product information is opened 2.The pop-up "Корзина" is appeared, the chosen product is in it 3. "Корзина" pop-up is closed 4. The pop-up "Корзина" is appeared, there are two same products with different sizes in it

Attachments

Type	Test Case
ID	012
Environment	Chrome
Created at	27.06.2022
Created by	Nataliia Taranina

Preconditions	rozetka.com.ua is opened the user is signed in
Summary	Check that the total price is changeable in the shopping cart

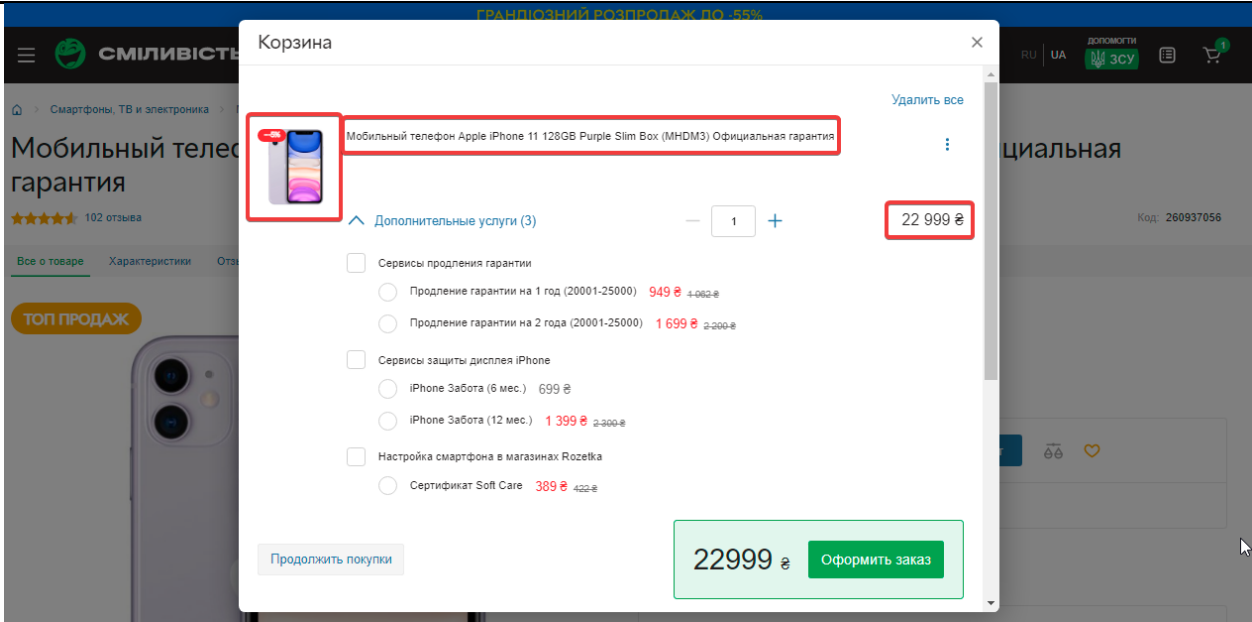| Steps to reproduce:	Expected Result:
1.Find and click the product on the main page of the site 2.Click on the "Купить" button 3.Change the product quantity to 2	1.The new page with the product information is opened 2.The pop-up "Корзина" is appeared, the chosen product is in it. The total price corresponds to the price of the chosen product 3.The product quantity displayed as 2. The total price is changed and corresponds to the price of the two chosen products

Attachments

Type	Test Case
ID	013
Environment	Chrome
Created at	27.06.2022
Created by	Nataliia Taranina

Preconditions	rozetka.com.ua is opened the user is signed in
Summary	Check that the item in the shopping cart is displayed with the correct name, image and price.

Steps to reproduce:	Expected Result:
1.Find and click the product on the main page of the site 2.Click on the "Купить" button	1.The new page with the product information is opened 2.The pop-up "Корзина" is appeared, the chosen product is in it. The product has the correct name, image and price.

Attachments

Type	Test Case
ID	014
Environment	Chrome
Created at	27.06.2022
Created by	Nataliia Taranina

Preconditions	rozetka.com.ua is opened the user is signed in
Summary	Check the ability of adding the product to "Список желаний"

Steps to reproduce:	Expected Result:
1.Find and click the product on the main page of the site 2.Click on the Heart button in the right of the page 3.Click on "список желаний"	1.The new page with the product information is opened 2.The notice "Товар добавлен в список желаний" is appeared at the bottom of the screen 3.The new page "Список желаний" is opened. The chosen product is in it

Attachments

Type	Test Case
ID	015
Environment	Chrome
Created at	27.06.2022
Created by	Nataliia Taranina

Preconditions	rozetka.com.ua is opened the user is signed in
Summary	Check the ability of removing the product from "Список желаний"

Steps to reproduce:	Expected Result:
1.Find and click the product on the main page of the site 2.Click on the Heart button in the right of the page 3.Click on "список желаний" 4.Put the checkmark in the upper right corner of the product and select "Удалить" option	1.The new page with the product information is opened 2.The notice "Товар добавлен в список желаний" is appeared at the bottom of the screen 3.The new page "Список желаний" is opened. The chosen product is in it 4.The product is removed from "Список желаний"

Attachments