

ROZETKA: online store website

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It's multiplatform online store with website for browsers and mobile application for iOS, Android. This service gives an opportunity to shop online: find and pick products, make payments, order a delivery of purchased products



AGENDA

✓ **Functional testing**

- Smoke testing
- Functional testing #1
- Functional testing #2

✓ **Non-functional testing**

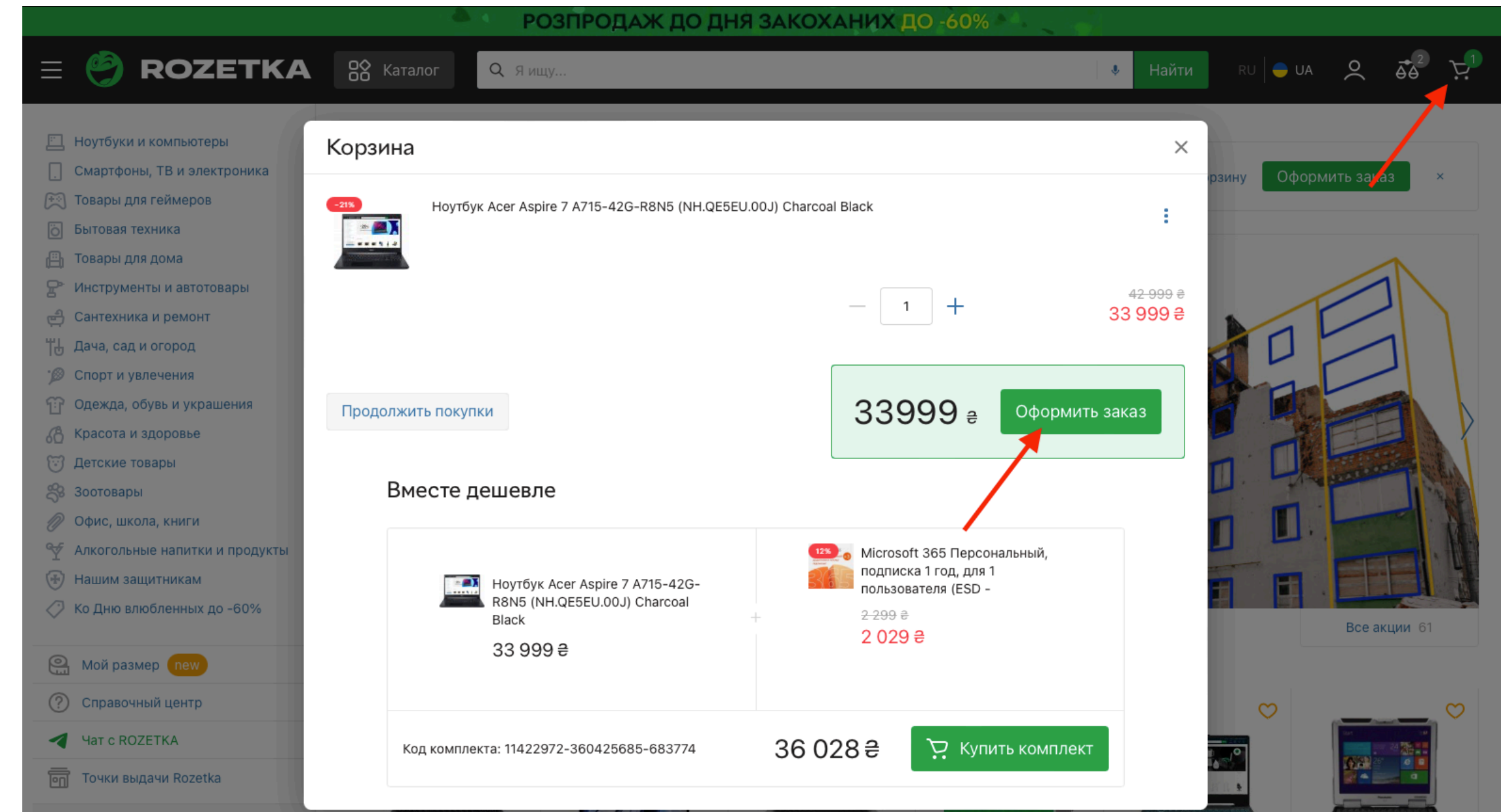
- Performance testing
- Load
- Stress
- Localization testing (L10N)
- Internationalization (I18N)
- UI testing
- Usability testing
- Security testing
- Compatibility

✓ **Change related testing**

- Confirmation testing
- Regression testing

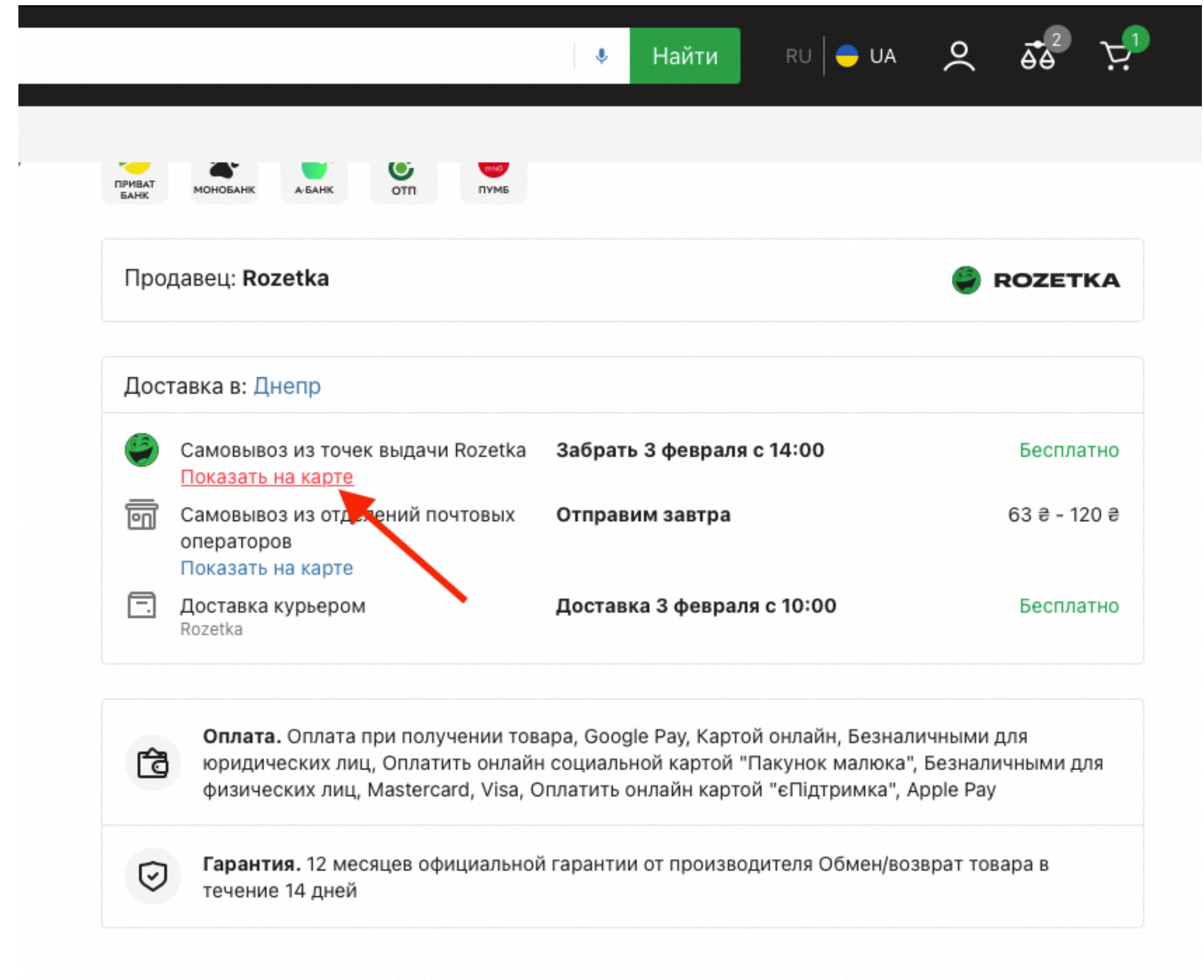
SMOKE TESTING

- **Task:** Test web version of Rozetka online store.
- **Smoke Testing Procedure:** quickly check the main website's features (enter the homepage, add product to the cart, buy picked product, check if it will appear in database).
- **Summary:** all tested features run correctly, critical bugs are not found.



FUNCTIONAL TESTING #1

- **Task:** Test ability to choose type of delivery
- **Functional Testing Procedure:** Checking ability to choose "pick up from store" type of delivery
- **Defect:** After clicking "Show map" button map doesn't appear, so user can't choose anything



FUNCTIONAL TESTING #2

- **Task:** Test ability to sign in on website
- **Functional Testing Procedure:** Click Sign in icon on top right of the page, in Sign in popped-up window enter login/password in text fields, click "Sign in" button
- **Summary:** Tested feature run correctly, critical bugs are not found.

Вход

Эл. почта или телефон

www@gmail.com

Пароль

••••••••

☒ Запомнить меня [Напомнить пароль](#)

Войти

[Зарегистрироваться](#)

или

Войти как пользователь

Facebook

Google

NON-FUNCTIONAL TESTING: PERFORMANCE

- **Task:** Verify that website allow to add to cart up to 20 products and system proceed purchase process.
- **Performance Testing Procedure:** add to cart up to 20 products, go to checkout page and check if system will proceed
- **Defect:** Website stopped responding after clicking checkout page



NON-FUNCTIONAL TESTING: LOAD

- **Task:** Verify that the website will respond to the client in less than 5 seconds when up to 1000 users access it concurrently.
- **Load Testing Procedure:** Using Jmeter check the response time of server with 900, 950, 1000 users access it at the same time from different devices.
- **Summary:** Server response time is according to specification, no defects were found



NON-FUNCTIONAL TESTING: STRESS

- **Task:** Verify that the website will respond to the client when more than 1000 users access it concurrently.
- **Load Testing Procedure:** Using Jmeter check the response time of server with 990, 1100, 1500 users access it at the same time from different devices.
- **Defect:** After 1100 users server stopped responding.



NON-FUNCTIONAL TESTING: L10N

- **Task:** Verify that after changing language settings on website all menu items are translated correctly.
- **Localization Testing Procedure:** Open website's homepage, change the language to English and check the displayed text whether translation is correct.
- **Defect:** Buttons are not translated



NON-FUNCTIONAL TESTING: I18N

- **Task:** Verify that delivery date is displayed according to chosen locale.
- **Internationalization Testing Procedure:** Open the website, add product to cart, go to checkout page, select delivery date, change the language to English (US) and check the date format
- **Defect:** Date is displayed in Ukrainian format



Internationalization Testing

NON-FUNCTIONAL TESTING: UI

- **Task:** Check the sign in window's elements presence, alignment, font, size.
- **UI Testing Procedure:** Click "Sign in" icon on top right of the page, sign in pop up window will appear. Verify that all elements are present, verify alignment, font, size.
- **Defect:** ‘Sign in’ button is not green



NON-FUNCTIONAL TESTING: USABILITY

- **Task:** Verify that user can find the "Buy" button less than in 5 seconds
- **Usability Testing Procedure:** Open website, choose any product, enter the product page, try to find "Buy" button
- **Summary:** User is able to find "Buy" button less than in 3 seconds, no defects were found



NON-FUNCTIONAL TESTING: SECURITY

- **Task:** Verify that the password text field on the sign in page shows the entered data in encrypted form
- **Security Testing Procedure:** Open website, enter sign in page, start to enter any data in password text field
- **Summary:** password text field shows the entered data in encrypted form, no defects were found



NON-FUNCTIONAL TESTING: COMPATIBILITY

- **Task:** Verify that website runs with next web browsers: Google Chrome, Mozilla Firefox, Opera, Internet Explorer, Safari.
- **Compatibility Testing Procedure:** Open the homepage via different web browsers
- **Defect:** Website doesn't open with Internet Explorer web browser



CONFIRMATION TESTING

- **Task:** Verify that website run with Internet Explorer
- **Confirmation Testing Procedure:** Run steps of the failed Test-case and confirm that defect is fixed. Open the homepage via Internet Explorer
- **Defect:** The reported defect is reproduced after fixing it. Website doesn't open via Internet Explorer.



REGRESSION TESTING

- **Task:** Carry out the entire chain of purchase actions, starting from opening website to make payment
- **Regression Testing Procedure:** Open homepage, log in, pick any product, add it to cart, press "Buy" button, enter your personal data, enter delivery data, make payment, check if purchase appeared in database
- **Defect:** Purchase didn't appear in database

