Testing of Prom.ua

Non-functional types

Load testing - check whether the website can support the maximum number of users specified in the requirements without losing data processing speed

Scalability - check whether the current version of the system can support a load of 1000 users more than specified in the requirements without losing data processing speed

Volume - run an auto-test, during which a large number of products are added from 1 merchant account at the same time.

Stress - check the maximum number of users the website can handle without losing data processing speed.

Recovery - check whether the system can recover after an overload of 5000 users

Installation - install the Prom.ua application on a phone with an Android system

UI - check whether banners are displayed correctly on the slider on the main page of the website

Localization - check whether all objects on the main page are translated into Ukrainian if you change the website language to Ukrainian

Security - try to enter SQL injection into the login field in the account login window

Reliability - check whether the website can operate with a stable load of 5000 users for 10 hours without losing data processing speed.

System-related types

Configuration (Compatibility) - check whether it is possible to log into the user account on different browsers (Google Chrome, Opera, Mozilla Firefox, Microsoft Edge) or various devices (Windows-based laptop, Android-based phone, iOS-based Ipad)

Portability - check whether the site will work if you send the main page of Prom.ua in Google Chrome with an Android device to a Windows device

Change-related types

Re-testing - after fixing a bug, check if it is fixed

Regression - after fixing the bug, check other related elements of the system that may be "affected" by the bug fix

Smoke - check all the main functions of the system after the bug is fixed

Sanity - check the entire system unit with which the change is related for operability and conformity to the requirements

Functional types

Unit testing - to check that the product page opens and contains all the necessary buttons and information

Integration testing - check that if you click the "Buy" button on the product page, it will appear in the basket

System testing - check that you can register on the site, edit your profile, add a product to your favorites, and check your order history.

Acceptance testing - Check that according to the requirements, you can go to the "Health and Beauty" category, select the "Care Cosmetics" - "Face Care" - "Face Cream" subcategory, set the "Price Range" filter from 0 to 500, set the "In Stock" filter, "Delivery" - "New Mail", "Skin Type" - "Combination", add the first product from the list to the cart, place an order and pay securely online.

Alpha-testing - tester Natalia, programmer Olena, and business analyst Ksenia test the finished website.

Beta-testing - Natalia's friends Marina, Kristina, and Olesya test the site as they would use it in everyday life.

End-to-end testing - to check that a user can register on the site, edit a profile, add a product to favorites, find the desired product by searching and applying filters to the results, view information about the desired product on the product page, view reviews and information about the seller who offers the desired item, contact the seller about a particular product, add the desired product to the basket, place an order, pay for the product using PromPay, view their order history and viewed products.