

SpectroCoin automatic logout functionality testing

Product analysis:

This test plan covers the key points of automatic logout functionality testing. The feature should automatically logout the user, who has an active debit card, from the system if the user is inactive on the website for 5 minutes or more. This function is integrated into the SpectroCoin.com accounts page and prevents financial loss or information leaks if the customer leaves the device unattended in a public place.

Testing strategy:

The automatic logout functionality testing is not a very large-scale project, therefore I would suggest creating a checklist of the main activities and features that should be tested during the project.

Also, the functionality should be tested on different browsers and devices. The testing team should gather information from data analytics regarding which browsers and devices are most popular among the users.

Testing checklist:

- ☐ Check if the user is automatically logged out after 5 minutes of being inactive
- ☐ Check if any pop-up message appears before logging the user out
- ☐ Check if the information in the pop-up message is correct
- ☐ Check if the buttons on the pop-up message work correctly (if any)
- ☐ Check if the user is not automatically logged out after being inactive for 4 minutes
- ☐ Check if the automatic logout functionality works for the customers who do not have an active debit card, but are logged in to the system
- ☐ Check if scrolling the website counts as an active or inactive action
- ☐ Check if refreshing the page counts as an activity or not
- ☐ Check all the cases above in different most popular browsers
- ☐ Test all the cases/scenarios on Windows
- ☐ Test all the cases/scenarios on macOS
- ☐ Test all the cases/scenarios on Android (mobile device)
- ☐ Test all the cases/scenarios on iOS (mobile device)

Based on the checklist more detailed Test Cases will be created to make sure that all the key areas of the functionality are tested accordingly.

Testing plan, test cases and bug reports will be registered on Jira platform.

After debugging, the functionality should be re-tested based on the test cases. Also, regression testing should be performed.

Goals:

The main goal of the testing activity is to test if the functionality works as expected and to make sure that the functionality does not have any critical bugs

Suspension criteria:

The testing activity should be suspended if any critical bugs will be found or due to vast changes in software requirements

Exit criteria:

When all the possible test cases are executed, maximum defects are fixed and the regression test is successful or when the testing time is over.

Roles and responsibilities:

Product owner: Jonas Jonaitis

Developer: Petras Petraitis

Tester: Karolis Rasalas

Test environment:

Laptop with Windows 10 OS - Chrome Version 106.0.5249.103 (Official Build) (64-bit) - Wi-Fi

MacBook with macOS 12.6 - Chrome Version 106.0.5249.103 (Official Build) (64-bit) - Wi-Fi

Xiaomi Redmi Note 10 - Android 12 - Chrome - 4G

iPhone 12 - iOS 14 - Safari - 3G

Testing schedule:

Testing should be complete until 2022-11-26