

1. Entry

The main purpose of testing activities is to provide information about the quality of the tested product.

The prepared document contains key information on the activities test. All software components that will remain are listed verified and the types to be carried out.

2. Scope of tests

- Types of tests performed:
 - Single
 - Functional
 - Performance
- Types of tests that will not be run
- automatic tests - due to the insufficient budget of the stage related to testing

3. Subject of the tests

The component being tested is the search engine from skleptest.pl z taking into account the entire filtering logic on the appropriate fields.

4. Pass/fail criteria for tests

- Execution of designed test cases
- Server response time does not exceed 700ms

5. Entry / exit criteria

1. Entry Criteria:

- The search engine implementation phase is completed
- Working and setup test environment
- Access to a running and configured virtual machine

2. Exit criteria:

- All test cases completed successfully
- The component meets all the assumptions from the attached documentation

6. List of functional requirements to test

Attaching all documentation, user story, script, etc.

7. Test environment

- Test server (development)
- Windows 10 Home 64 bit
- Browsers participating in the tests: Firefox, Edge, Opera

8. Test schedule

1. Carrying out functional tests

- Verification of functionality based on user story -3h
- Execution of previously designed test cases -1h

2. Performance tests

- Average response time test
- Verification of the maximum number of requests at which the website works stably

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10. List of tools

- Testlink
- Jira
- Browserstack

11. Incident management

In the testing process, each detected error should be properly reported to Jira system. Taking into account the priority of the error.

In accordance with the flow adopted by our organization, such a problem should be fixed by the developer and go to retests.

12. Roles and responsibilities

Grzegorz Brzeczyszczkiewicz – implementation of automatic scripts

Jan Nowak - execution of test cases

Robert Lewandowski – Designing test cases

