Test Plan For Microsoft Notepad

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**Test plan identifier**

Testing Microsoft Notepad, version 6.1

**Introduction**

This document is a test plan for testing a desktop Notepad application version 6.1. It describes the strategy and approaches to product testing. The plan is used to validate software quality.

**Test items**

* work with the program
* creating a document
* work with a document
* printing

**Features to be tested**

* + launch notepad
  + create a document
  + open an existing document
  + save document
  + data entry in new document
  + text editing
  + delete text
  + copy text
  + paste text from clipboard
  + change font
  + search and replace text
  + print text
  + work with the window
  + hotkeys
  + change view
  + help call
  + close notepad

**Features not to be tested**

* security
* interaction
* page setup feature

**Approach**

Non-functional testing:

* + - interface testing
    - usability testing

Functional testing:

* equivalence classes
* boundary values ​​
* combinatorial testing
* ad-hoc testing.

To write a test plan, including all key requirements, approaches, and so duties and competencies respectively. To write test cases in accordance with distributed responsibilities, mandatory their coordination and entering into the test management system. After creating the last test case, write RTM.

**Item pass/fail criteria**

All test cases with high priority are closed with the result "passed". The test coverage is tested and is sufficient (>= 99%) of the requirements of tests.Test report compiled and approved by the test lead and the customer.

**Suspension criteria and resumption requirements**

Testing is suspended if there are blocking bugs.

Testing continues if the bug is fixed.

**Test deliverables**

The result of the test is to obtain the following documents: plan, test cases, RTM.

**Testing tasks**

* write a test plan
* write test cases
* develop criteria for successful / unsuccessful testing
* conduct tests
* create reports on tested functionality

**Environmental needs**

A computer running Windows 7/8/10.

**Responsibilities**

|  |  |  |  |
| --- | --- | --- | --- |
| # | Roles | Duties | Responsible |
| 1 | Team lead | Writing a test plan; writing test cases to test the following functions: open, create, close; manual testing of the functional features; compilation of RTM | Natalia |
| 2 | Tester | Writing test cases for testing the following functions: run a notepad, create a document | Maria |
| 3 | Tester | Writing test cases for testing the following functions: save a document, enter data in a new document | Mark |
| 4 | Tester | Writing test cases to test the following functions: delete text, close notepad | Iryna |
| 5 | Tester | Writing test cases to test the following functions: copy text, change font | Ihor |
| 6 | Tester | Writing test cases for testing the following functions: insert text from the buffer, search and replace text | Anna |
| 7 | Tester | Writing test cases for testing the following functions: print text, work with a window, hotkeys | Maxim |

**Staffing And Training Needs**

To perform the tasks you need to have the following competencies:

* knowledge and ability to use the rules of writing test plans, including those based on IEEE-829 standard;
* knowledge and ability to apply design test techniques
* knowledge of various types of testing, including functional and non-functional, such as interface testing and usability
* ability to use test management system selected for the current project etc.

Required training for testing the project:

* training on font testing
* training on the use of specific software for more high quality and complete usability testing

**Schedule**

The term of approval and inclusion of all test cases in the test management system is 30/04/2019 23:59:59

Deadline for reporting 31/05/2019 23:59:59

Deadline for the project - 1/06/2019 19:00:00

**Risks**

* + - insufficient staffing resources to test the application in deadlines
    - lack of necessary hardware, software, data or tools
    - changes to original requirements or instructions
    - the number of acceptable defects will be increased
    - the test team will work overtime, this can negatively affect the team spirit
    - the volume of the plan can be changed
    - testing of the application can be simply stopped (an extreme case)

**Approvals**

Approval of test cases: TL - Natalia.

Project acceptance: Customer – Mr. Johnes.