**TEST RESULT REPORT**

**Application name, application version:** Buggy calculator.exe

**Created by:** Shenets Natallia

**Reported period:***07.03.2023-08.03.2023*

**Signed of by:**Vladislav Leshko

**TESTING TEAM**

| **Role** | **Employee** |
| --- | --- |
| Test-lead | Shenets Natallia |
| Software testing engineer | Khatulkova Natallia |
| Software testing engineer | Liazhniuk Dzianis |

**TESTING PROCEDURE DESCRIPTION**

The application has been tested under Windows 11 Pro (version 21H2, 64-bit operating system) and Windows 10 Home for one language (version 22H2, 64-bit operating system).

All tests were performed manually, using black box testing, dynamic testing. Smoke tests, critical path tests were performed, extended tests were not performed.

Detailed information about the bugs found during testing is presented in the documents:

[text for link](https://docs.google.com/spreadsheets/d/1Yr91JzWPdl9TA5OGwVWVtNx7jtKw7moy/edit?usp=share_link&ouid=109782822324832190305&rtpof=true&sd=true)

<https://docs.google.com/spreadsheets/d/1brLXgQeqgM17_JDkt-bbAFFUGgA3MEfO/edit?usp=sharing&ouid=109782822324832190305&rtpof=true&sd=true>

**SUMMARY**

The application Buggy calculator.exe does not require installation. We tested the application in Windows 11 Pro (version 21H2, 64-bit operating system) and Windows 10 Home for one language (version 22H2, 64-bit operating system) operating systems. When you first opened the application, Windows warned you that running an unrecognized application could put your computer at risk. This warning may have the effect of reducing the number of users of the application.

The build is inoperable. The application needs to be improved, because during functional testing, four smoke tests and six tests of the critical path have a negative result.

**TESTING TIMETABLE**

| **Name** | **Date** | **Description** | **Duration, h** |
| --- | --- | --- | --- |
| Shenets Natallia | 04.03.2023 | Application Buggy calculator.exetesting | 4 |
| Shenets Natallia | 06.03.2023  07.03.2023 | Сommunication with colleagues on the creation TRR | 0,2  0,5 |
| Shenets Natallia | 07.03.2023 | Creation TRR | 4 |
| Khatulkova Natallia | 04.03.2023 | Application Buggy calculator.exetesting | 6 |
| Khatulkova Natalliа | 06.03.2023  07.03.2023 | Сommunication with colleagues on the creation TRR | 0,2  0,5 |
| Khatulkova Natalliа | 08.03.2023 | Viewing the report, filling out | 0,2 |
| Liazhniuk Dzianis | 06.03.2023  07.03.2023 | Сommunication with colleagues on the creation TRR | 0,2  0,5 |

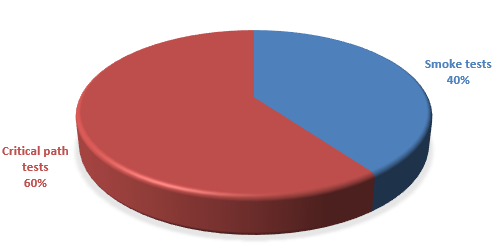
**BUGS FOUND**

| **ID** | **Severity** | **Summary** | **Found by** |
| --- | --- | --- | --- |
| ID1 | critical | Inactive (not working) number 9 in the application Buggy calculator.exe (Engineering and Normal mode) | Shenets Natallia |
| ID2 | critical | In the Engineering mode of the application, Buggy calculator.exe four arithmetic operations +,-, \*,/, no mathematical functions | Shenets Natallia |
| ID3 | minor | Highlights the area with numbers in red in the application Buggy calculator.exe (Engineering and Normal mode) | Shenets Natallia |
| ID4 | critical | Error: "Unable to enter so many digits? Sorry :(" in the application Buggy calculator.exe (Engineering and Normal mode) after dialing any six digits, press the number 1 | Shenets Natallia |
| ID5 | minor | Inactive (does not work) button "Expand" in the application Buggy calculator.exe | Shenets Natallia |
| ID6 | minor | The appearance of the application Buggy calculator.exe does not meet the requirements (the buttons "2", "0.", "<', "опрограмме") | Shenets Natallia |
| ID7 | medium | After starting the program, it is displayed on the taskbar with an incorrect character encoding | Khatulkova Natallia |
| ID8 | major | When you try to perform multiplication, division, addition, subtraction from the numeric keypad and press the "Enter" key on the keyboard, the program does not display the result of the calculation | Khatulkova Natallia |
| ID9 | major | When you try to perform multiplication, division, addition, subtraction from the computer's numeric keypad and press the "=" button in the application, the program issues a warning "is not a valid floating point value" | Khatulkova Natallia |
| ID10 | critical | If you click on a free area of the program window, the program displays the message "Expection occured" and exits | Khatulkova Natallia |

**ALL BUGS STATISTICS**

Defects statistics have a negative result

| **Defect** | **Quantity** |
| --- | --- |
| Smoke tests | 4 |
| Critical path tests | 6 |



**CONCLUSION**

The build cannot be recommended for production deployment due to critical bugs. Errors found need to be corrected.