**Test result report**

**Calculator (calc.exe)**

**10.11.2023-24.11.2023**

**Test team:**

|  |  |  |
| --- | --- | --- |
| **Name** | **Position** | **Role in the project** |
| Alesya Tsvirko | QA Engineer | Functional testing |

**Testing process description:**

**Test environment:** ОС Windows 10 build 19045.2193.   
**Test Level:** System testing.

**Test types used:** Functional, GUI, Localization and API testing.

All test scenarios where created based on customer requirements (see Requirements\_Calc\_3.doc uploaded to project Calculator folder) using black-box testing techniques.

All tests performed manually, execution details see at: [TestRail](http://tut.by/) test plan and test statistic sections of this document.

**Summary:**

**News:** Build 1.1 is planned on next Monday, so an additional regression cycle is planned.

**Test Status:** **Yellow**

**Test Analysis:** Although there are 29 bugs found this week, it seems as expected at the current stage of the project, as it is the first [build of the application](https://context.reverso.net/перевод/английский-русский/build+of+the+application).

**Plans for next week:** complete test cases creation, receive build 1.1, start test execution.

**Problems:** [not revealed](https://context.reverso.net/перевод/английский-русский/is+not+revealed)*.*

**Testing timetable:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Tester** | **Date** | **Description** | **Duration, h.** |
| Alesya Tsvirko | 10.11.2023 | Requirement analysis | 4 |
| Alesya Tsvirko | 10.11.2023 | Discussion with colleagues about the project | 2 |
| Alesya Tsvirko | 14.11.2023 | Writing smoke check-list | 0,5 |
| Alesya Tsvirko | 14.11.2023 | Writing critical path check-list | 1 |
| Alesya Tsvirko | 14.11.2023 | Discussion with colleagues about the project | 1 |
| Alesya Tsvirko | 14.11.2023 | Writing test cases | 5 |
| Alesya Tsvirko | 16.11.2023 | Test execution | 5 |
| Alesya Tsvirko | 17.11.2023 | Writing bug reports | 5 |

**Recommendations**:

It is recommended to pay special attention to regression testing due to the large number of bugs in previously implemented and tested functionality.

**New bugs found:**

|  |  |  |
| --- | --- | --- |
| **ID** | **Summary** | **Severity** |
| 1 | Incorrect display of number 6 | Critical |
| 2 | Doubling of number 5 | Critical |
| 3 | Empty button display of '8' after pressing it | Major |
| 4 | Impossibility to create a sequence of calculations | Critical |
| 5 | The button '0' turns blue after clicking | Medium |
| 6 | Impossibility to see the actions performed | Medium |
| 7 | The result appears after pressing the arithmetic button ‘√’ | Medium |
| 8 | The default value in the I/O field is empty | Medium |
| 9 | The result appears after pressing the arithmetic button 'x2' | Medium |
| 10 | The button '3' has the wrong font style | Medium |
| 11 | The button 'x2' does not match the layout | Major |
| 12 | The button '\*' does not match the layout | Medium |
| 13 | In the top left corner there isn't a small picture of calculator | Medium |
| 14 | In scientific mode the name of the application has spelling mistake | Medium |
| 15 | Expand button is not available | Medium |
| 16 | Incorrect display of number 9 | Critical |
| 17 | Input field must contain 21 signs | Major |
| 18 | Option 'Инженерный' in menu bar has spelling mistake | Major |
| 19 | User guide exceeds screen size after clicking the option 'О программе' | Medium |
| 20 | Incorrect result after division by Zero | Critical |
| 21 | Incorrect result after multiplication by Zero | Critical |
| 22 | Error after squaring root extraction of negative number | Major |
| 23 | The button '0' has the wrong cell style | Medium |
| 24 | Incorrect addition of negative numbers | Critical |
| 25 | Incorrect subtraction of negative numbers | Critical |
| 26 | Error after clicking on the area with numbers | Medium |
| 27 | Сlosing the application after clicking 'OK' on the error notification | Medium |
| 28 | In “Инженерный” mode the area with 2 additional operations becomes green after clicking 'О программе' and then 'Выбор' - 'Инженерный | Medium |
| 29 | Possibility of entering multiple zero | Medium |

**All bugs statistics:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status** | **Quantity** | **Severity** | | | |
| **Critical** | **Major** | **Medium** | **Minor** |
| Submitted | 29 | 8 | 5 | 16 |  |