**“Сalculator” Project**

**Test Result Report**

1. **Testing process description.**

Testing was carried out on the OS Windows 10 PRO, 64-bit operating system.

All tests were performed manually, using black box testing. The application was tested based on the requirements. All the requirements modules were shared among the team members.

All bugs were added to the online table.

1. **Summary**

From 03.03 to 04.03 our team worked on “Calculator” Project. Smoke test passed unsuccessfully. Most of the errors found earlier have been successfully eliminated and verified. At the moment, more than 70% of the planned tests have been completed (the rest are planned to be completed by the end of next week)

1. **Test Team**

|  |  |  |
| --- | --- | --- |
| Full name | Role | Responsibility |
| Roman Zhurko | Test-lead  Software testing engineer | 1. Checklist creation; 2. Test-cases creation; 3. Test-runs execution; 4. Bug reporting. |
| Alexander Leonovich | Software testing engineer | 1. Checklist creation; 2. Test-cases creation; 3. Test-runs execution; 4. Bug reporting. |
| Artem Mickiewicz | Software testing engineer | 1. Checklist creation; 2. Test-cases creation; 3. Test-runs execution; 4. Bug reporting. |

4**.Testing process description**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | date | Description | Time |
| Roman Zhurko | 03.03.2023 | 1) Manage a team of testers  2) Requirements analysis  3) Сreating test cases  3) Сommunication with participants in the development process | 1) 4 hours  2) 1 hours  3) 4 hours  4) 2 hours |
| Alexander Leonovich | 03.03.2023 | 1) Test the application according to test cases  2) Test the application on the linux operating system  3) Сreating a bug report  4) Сommunication with participants in the development process | 1) 4 hours  2) 0.5 hours  1) 2 hours  2) 2 hours |
| Artem Mickiewicz | 04.03.2023 | 1) Test the application according to test cases  2) Ad-Hock testing  3) Сommunication with participants in the development process | 1) 4 hours  2) 2 hours  3) 2 hours |

**5.Defects statistics**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Status | Quantity | Minor | Medium | Major |
| New | 9 | 4 | 1 | 4 |
| Total | 30 | 18 | 2 | 10 |

**6. Defect list**

|  |  |  |  |
| --- | --- | --- | --- |
| ID | Severity | Summary | Found by |
| AT1\_2 | Major | Number 9 is not active | Roman Zhurko |
| АТ1\_3 | Major | Option "engineering" calculator does not work | Roman Zhurko |
| АТ1\_5 | Major | Caculator crash when clicking on empty space | Roman Zhurko |
| АТ1\_8 | Major | Impossible to perform more than one operation | Alexander Leonovich |
| АТ1\_6 | Medium | Incorrect window title | Alexander Leonovich |
| AT1\_1 | Minor | The font of the number 2 is large and bold | Alexander Leonovich |
| АТ1\_4 | Minor | Red field in the calculator window | Artem Mickiewicz |
| АТ1\_7 | Minor | Calculator crash when entering more than 6 digits and click 1 | Artem Mickiewicz |
| АТ1\_9 | Minor | Button 0 with dot. | Artem Mickiewicz |

**7.All bugs statistics**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Status | Quantity | Importance | | | |
| Critical | Major | Medium | Minor |
| Fixed | 13 | 0 | 4 | 1 | 8 |
| Verified | 12 | 0 | 4 | 1 | 7 |
| Reopened | 1 | 0 | 1 | 0 | 0 |
| Found | 3 | 0 | 1 | 0 | 2 |
| Rejected | 1 | 0 | 0 | 0 | 1 |

**8. Conclusion**

The calculator app is not recommended in production. Not all bugs found are closed. The application does not work stably . There are four bugs with the status "Mijor". It is recommended to send the application for revision.