МИНИСТЕРСТВО НАУКИ И ВЫСШЕГО ОБРАЗОВАНИЯ  
РОССИЙСКОЙ ФЕДЕРАЦИИ

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**Отчет по лабораторной работе № 1**

Дисциплина: «Quality Assurance (Обеспечение качества программных систем)»

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# Test Plan

|  |  |
| --- | --- |
| 1 | Starting the installer setup.exe, installation. |
| 2 | Opening the Help menu, checking the operations in the list. |
| 3 | Opening the Edit menu, checking the operations in the list. |
| 4 | Opening the File menu, checking the operations in the list. |
| 5 | Validating character input. |
| 6 | Verification of work with alphabetic data. |
| 7 | Verification of work with numerical data. |
| 8 | Verification of the Range selection |
| 9 | Checking the Contents. |
| 10 | Checking the Abou ListBoxer. |
| 11 | Checking the Undo operation. |
| 12 | Checking the Cut operations. |
| 13 | Checking the Copy operations. |
| 14 | Checking the Paste operations. |
| 15 | Checking the Open file operation. |
| 16 | Checking the Save file operation. |
| 17 | Checking the Exit operation. |

# Found bugs.

|  |  |  |  |
| --- | --- | --- | --- |
| # | How to reproduce | Actual result | Expected Result |
| 1 | Launch program, look at the menu. | Edjt | Edit |
| 2 | Launch program, open the Help menu, choose Contents | Microsoft link error: https://support.microsoft.com/en-us/help/917607/feature-not-included-help-not-supported-error-opening-help-windows | ListBoxer content |
| 3 | Launch program, Add to list empty row | Empty row has been added | Empty row has been added |
| 4 | Launch program, Add to list same row twice | A row has been added with a copy | Only one row has been added |
| 5 | Launch program, Add to list complex data containing both numeric and alphabetic data, e.g. “a1” | Detected as an alphabetic | Shouldn’t be selected as a alphabetic or numeric data (e.g. “1a”) |
| 6 | Launch program, add or remove smth in the dictionary, open File menu, choose Exit, choose Yes to saving the changes | File saving menu opened to save the file, app was closed after that | File wasn’t saved, app was closed |
| 7 | Launch program, add or remove smth in the dictionary, open File menu, choose Exit, choose Cancel to saving the changes | Program has been closed, the result hasn’t been saved in the file, but could be changed or saved in the opened program | File wasn’t saved, app is closed |
| 8 | Launch program, choose the data, (press ctrl+x or) by double-clicking existed data in the list or by adding new data in the editor form, open Edit menu, select Cut | Data in the editor menu hasn’t been cut to the clipboard | Data in the editor menu has been cut to the clipboard |
| 9 | Launch program, choose the data, (press ctrl+c or) by double-clicking existed data in the list or by adding new data in the editor form, open Edit menu, select Copy | Data in the editor menu hasn’t been copied to the clipboard | Data in the editor menu has been copied to the clipboard |
| 10 | Launch program, copy text to the clipboard, (press ctrl+v or) click in the editor form, open Edit menu, select Paste | Selected text in the editor menu hasn’t been added | Selected text in the editor menu has been added |

# Analysis, bugs classification

|  |  |
| --- | --- |
| Minor bug (doesn’t affect the basic program actions) | 4 |
| Major bug | 1 |
| Critical bug (stop the base actions, prevents from using the program correctly) | 5 |