МИНИСТЕРСТВО НАУКИ И ВЫСШЕГО ОБРАЗОВАНИЯ  
РОССИЙСКОЙ ФЕДЕРАЦИИ

федеральное государственное автономное   
образовательное учреждение высшего образования  
«Самарский национальный исследовательский университет   
имени академика С.П. Королева»

(Самарский университет)

Институт информатики, математики и электроники

Факультет информатики  
Кафедра суперкомпьютеров и общей информатики

**Отчет по лабораторной работе № 1**

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

Выполнил: Мельситов О. А.

Группа: 6235-010402D

Самара 2019

# 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, select the “?” button near the close button, choose any selectable item (e.g. button, check box, select box) in the app window | Microsoft link error: https://support.microsoft.com/en-us/help/917607/feature-not-included-help-not-supported-error-opening-help-windows | Information about selected item |
| 6 | Launch program, select the “?” button near the close button, choose any nonselectable item(e.g. name of the items in the check box or select box, comments or other labels in the app window | Nothing happens | Information about selected item |
| 7 | Launch setup program, exit before the installation | Error message about the installation abort | No error messages |
| 8 | Launch program, select range type “ “ | List did not changed | No data as “<none>” range or every element according to the selected symbols and the range “All” |
| 9 | Launch program, add some data manually or open lbx file and change some data, choose File, Open… | Message about saving the file did not appear, unsaved data was lost | Message about saving the file appeared, unsaved data was saved |
| 10 | Launch program, add some data manually, select File, Open…, close the opened window without selecting any file, change the Symbols checks | Data was not deleted | Data was deleted |
| 11 | Launch program, add some data manually, select File, Open…, close the opened window without selecting any file, change the sort order | Data was not deleted | Data was deleted |
| 12 | Launch program, Set unchecked the Alphabetic and checked Numeric checkboxes, change numeric to the unchecked, change the Sort Order position. | Numeric data changed the sort order | Numeric data is sorted ascending only |
| 13 | Launch program, Set unchecked the Alphabetic and checked Numeric checkboxes, change Numeric to the unchecked, change the Sort Order position | No data shown | Numeric data shown |
| 14 | Launch program, Set unchecked the Alphabetic and Numeric checkboxes, change the Sort Order position | No data shown | Alphabetic data shown |
| 15 | 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”) |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |
| 19 | 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 |
| 20 | 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) | 8 |
| Major bug | 7 |
| Critical bug (stop the base actions, prevents from using the program correctly) | 5 |