

	Test Suite ID		G02_TS01				
	Version		1.1				
	Description Suite		CALCULATOR APPLICATION				
	Environment						
	Test Suite History						
#	Date	Version	Description	Changed by	Comment		
1	19.11.2022	1.1	First realise	Andrii Cherniavskyi			
	Test Cases						
#	ID Case	Priority	Description Case	Steps to Reproduce	Expected result	Author	Executor
1	G02-TS01-GUI-10-01	P1	Check the calculator controls: "0", "1", "2", "3", "4", "5", "6", "7", "8", "9", ".", "+", "-", "*", "/", "="	1. Check the presence of ten-digit buttons: "0", "1", "2", "3", "4", "5", "6", "7", "8", "9". 2. Check the presence of the dot button ".". 3. Check the presence of four buttons for arithmetic operations: "+", "-", "*", "/". 4. Check the presence of the "=" button.	Availability of the listed controls	Veronika Artemchuk	Andrii Cherniavskyi
2	G02-TS01-GUI-10-02	P1	Checking the calculator controls: "Clear", "Backspace", edit field (read only)	1. Check the presence of the "Clear" button. 2. Check the presence of the "Backspace" button. 3. Check the editing field (read only).	Availability of the listed controls	Veronika Artemchuk	Andrii Cherniavskyi
3	G02-TS01-GUI10-03	P1	Check calculator controls: "_" (Minimize), "X" (Close), "□" (Maximize) disabled for Calculator programs	1. Check the presence of the standard "_" (Collapse) button. 2. Check the presence of the standard button "X" (Close). 3. Check the presence of the standard "□" (Maximize) button, disabled for the Calculator program	Availability of the listed controls	Veronika Artemchuk	Andrii Cherniavskyi
4	G02-TS01-GUI-10-04	P1	Checking Calculator Controls: "Calculator <Release.Version>" Window Title	1. Check if there is a name for the title of the window "Calculator <Release.Version>".	Availability of the listed controls	Veronika Artemchuk	Andrii Cherniavskyi

5	G02-TS01-GUI-20-01	P1	Checking the size of the calculator window (the size of the calculator window should not change)	<ol style="list-style-type: none"> <li>1. Bring the mouse cursor to the left edge of the calculator.</li> <li>2. Click on the edge of the calculator with the mouse and try to drag the edge of the calculator to the left.</li> <li>3. Bring the mouse cursor to the bottom edge of the calculator.</li> <li>4. Click on the edge of the calculator with the mouse and try to pull the edge of the calculator down.</li> <li>5. Bring the mouse cursor to the right edge of the calculator.</li> <li>6. Click on the edge of the calculator with the mouse and try to drag the edge of the calculator to the right.</li> <li>7. Bring the mouse cursor to the upper edge of the calculator.</li> <li>8. Click on the edge of the calculator with the mouse and try to pull the edge of the calculator down.</li> </ol>	The size of the calculator window should not change	Veronika Artemchuk	Andrii Cherniavskiy
6	G02-TS01-GUI-30-01	P1	Checking that "0" is displayed in the calculator edit field immediately after launch.	<ol style="list-style-type: none"> <li>1. Start the "Calculator" program</li> <li>2. Check whether "0" is displayed in the editing field immediately after startup</li> </ol>	Displayed "0" in edit field after launch	Veronika Artemchuk	Andrii Cherniavskiy
7	G02-TS01-GUI-30-02	P1	Checking the presence of selected items in the calculator window first.	<ol style="list-style-type: none"> <li>1. Start the "Calculator" program</li> <li>2. Check whether "0" is displayed in the edit field by the selected element or not</li> </ol>	"0" was displayed in the edit field with an unselected element	Veronika Artemchuk	Andrii Cherniavskiy
8	G02-TS01-GUI-40-01	P1	Validation of an edit field that must contain 14 positions to display numbers (including the decimal point).	<ol style="list-style-type: none"> <li>1. In the editing field, enter the following positions 12345,67891234567</li> <li>2. Count how many items fit together with the decimal point.</li> </ol>	The editing field contains 14 items	Veronika Artemchuk	Andrii Cherniavskiy
9	G02-TS01-GUI-45-01	P1	Checking the representation of large numbers in which there are more than 14 positions (representation of the number in exponential form, it should be represented using exponential form and enough "e + exponent" or "e - exponent" is displayed after 14 significant digits)	<ol style="list-style-type: none"> <li>1. Multiply numbers: <math>753753753753 * 753753753753</math></li> <li>2. See how the result of the product is given (in exponential form or without it, "e + exponent") after 14 significant digits</li> <li>3. Perform division of numbers: <math>4 : 753753753753</math></li> <li>4. See how the result of the fraction is given (in exponential form or without it, "e - exponent") after 14 significant digits</li> </ol>	The results of the product and the quotient of numbers are presented in the exponential form "e + exponent" and "e - exponent" after 14 significant digits	Veronika Artemchuk	Andrii Cherniavskiy
10	G02-TS01-GUI-50-01	P1	Function check, if the edit field contains "0", pressing the number buttons 1, 2, 3, 4, 5, 6, 7, 8, 9, 0 has cause "0" to be replaced by the corresponding digit (1, 2, 3, 4, 5, 6, 7, 8, 9, 0 respectively).	<ol style="list-style-type: none"> <li>1. Press the buttons "1, 2, 3, 4, 5, 6, 7, 8, 9, 0"</li> <li>2. See if it leads to replacing "0" with the corresponding number "1, 2, 3, 4, 5, 6, 7, 8, 9, 0 respectively"</li> </ol>	"0" should be replaced by the corresponding number (1, 2, 3, 4, 5, 6, 7, 8, 9, 0, respectively)	Veronika Artemchuk	Andrii Cherniavskiy
12	G02-TS01-GUI-60-01	P1	Entering a number	Enter one digit	The second digit is placing at rightmost position, and shift already displayed digit to one position left.	Olena Pushynska	Matiukhin Oleksandr
13	G02-TS01-GUI-60-02	P1	Entering a number	Enter one digit	The third entered digit is placing at rightmost position, and shift already displayed digits to one position left.	Olena Pushynska	Matiukhin Oleksandr

14	G02-TS01-GUI-70-01	P1	Entering a number after an arithmetic operation	Click on digit button	The arithmetic result disappears and the edit field contains the digit, which you click	Olena Pushynska	Veronika Artemchuk
15	G02-TS01-GUI-70-02	P1	Entering a number after entering a number and pressed functional button "+"	Click on digit button	The entered number disappears and the edit field contains the digit, which you click	Olena Pushynska	Veronika Artemchuk
16	G02-TS01-GUI-70-03	P1	Entering a number after entering a number and pressed functional button "-"	Click on digit button	The entered number disappears and the edit field contains the digit, which you click	Olena Pushynska	Veronika Artemchuk
17	G02-TS01-GUI-70-04	P1	Entering a number after entering a number and pressed functional button "*"	Click on digit button	The entered number disappears and the edit field contains the digit, which you click	Olena Pushynska	Veronika Artemchuk
18	G02-TS01-GUI-70-05	P1	Entering a number after entering a number and pressed functional button "/"	Click on digit button	The entered number disappears and the edit field contains the digit, which you click	Olena Pushynska	Veronika Artemchuk
19	G02-TS01-GUI-70-06	P1	Entering a number after entering a number and pressed functional button "="	Click on digit button	The entered number disappears and the edit field contains the digit, which you click	Olena Pushynska	Veronika Artemchuk
20	G02-TS01-GUI-80-01	P1	Entering a symbol "." after one digit	Click on "." button	After entered digit is added "."	Olena Pushynska	Veronika Artemchuk
21	G02-TS01-GUI-80-02	P1	Entering a symbol "." after a number from few digits	Click on "." button	After entered number is added "."	Olena Pushynska	Veronika Artemchuk
22	G02-TS01-GUI-90-01	P1	Entering a symbol "." if it is already presented in currently displayed number	Click on "." button	There are no changes (the symbol "." does not reappear)	Olena Pushynska	Veronika Artemchuk
23	G02-TS01-GUI-90-02	P1	Entering a symbol "." if it is already presented in currently displayed number	Click on "." button	There are no changes (the symbol "." does not reappear)	Olena Pushynska	Veronika Artemchuk
24	G02-TS01-GUI-100-01	P1	Entering a symbol "." after an arithmetic operation	Click on "." button	The arithmetic result disappears and the edit field contains the "0."	Olena Pushynska	Veronika Artemchuk
25	G02-TS01-GUI-100-02	P1	Entering a symbol "." after entering a number and pressed functional button "+"	Click on "." button	The entered number disappears and the edit field contains the the "0."	Olena Pushynska	Veronika Artemchuk
26	G02-TS01-GUI-100-03	P1	Entering a symbol "." after entering a number and pressed functional button "-"	Click on "." button	The entered number disappears and the edit field contains the the "0."	Olena Pushynska	Veronika Artemchuk
27	G02-TS01-GUI-100-04	P1	Entering a symbol "." after entering a number and pressed functional button "/"	Click on "." button	The entered number disappears and the edit field contains the the "0."	Olena Pushynska	Veronika Artemchuk
28	G02-TS01-GUI-100-05	P1	Entering a symbol "." after entering a number and pressed functional button "*"	Click on "." button	The entered number disappears and the edit field contains the the "0."	Olena Pushynska	Veronika Artemchuk
29	G02-TS01-GUI-100-06	P1	Entering a symbol "." after entering a number and pressed functional button "="	Click on "." button	The entered number disappears and the edit field contains the the "0."	Olena Pushynska	Veronika Artemchuk
30	G02-TS01-GUI-110-01	P1	Entering a digit after the maximum allowed number of displayed characters	Click on digit button	There are no changes (the digit does not appear in edit field)	Olena Pushynska	Veronika Artemchuk

31	G02-TS01-GUI-110-02	P1	Entering a symbol "." after the maximum allowed number of displayed characters	Click on "." button	There are no changes (the symbol "." does not appear in edit field)	Olena Pushynska	Veronika Artemchuk
32	G02-TS01-GUI-120-01	P1	Clicking the "Clear" button after entering a number	Click on "Clear" button	The entered number is displayed from the edit field and edit field contains "0"	Olena Pushynska	Veronika Artemchuk
33	G02-TS01-GUI-120-02	P1	Clicking the "Clear" button after arithmetic operation	Click on "Clear" button	The Result of arithmetic operation is displayed from the edit field and edit field contains "0"	Olena Pushynska	Veronika Artemchuk
34	G02-TS01-GUI-120-03	P1	Clicking the "Clear" button after entering a number and pressed functional button "+"	Click on "Clear" button	The current arithmetic operation is canceled and edit field contains "0"	Olena Pushynska	Veronika Artemchuk
35	G02-TS01-GUI-120-04	P1	Clicking the "Clear" button after entering a number and pressed functional button "-"	Click on "Clear" button	The current arithmetic operation is canceled and edit field contains "0"	Olena Pushynska	Veronika Artemchuk
36	G02-TS01-GUI-120-05	P1	Clicking the "Clear" button after entering a number and pressed functional button "*"	Click on "Clear" button	The current arithmetic operation is canceled and edit field contains "0"	Olena Pushynska	Veronika Artemchuk
37	G02-TS01-GUI-120-06	P1	Clicking the "Clear" button after entering a number and pressed functional button "/"	Click on "Clear" button	The current arithmetic operation is canceled and edit field contains "0"	Olena Pushynska	Veronika Artemchuk
38	G02-TS01-GUI-120-07	P1	Clicking the "Clear" button after entering a number and pressed functional button "="	Click on "Clear" button	The current arithmetic operation is canceled and edit field contains "0"	Olena Pushynska	Veronika Artemchuk
39	G02-TS01-GUI130-01	P1	If only one digit is displayed in edit field, "Backspace" button entails clearing edit field (displaying "0" in it).	1.Press button "1" 2. The number "1" appeared in the edit field 3. Press the "Backspace" button	edit field cleared (displays "0")	Matiukhin Oleksandr	Olena Pushynska
40	G02-TS01-GUI130-02	P1	If only one digit is displayed in edit field, "Backspace" button entails clearing edit field (displaying "0" in it).	1.Press button "2" 2. The number "2" appeared in the edit field 3. Press the "Backspace" button	edit field cleared (displays "0")	Matiukhin Oleksandr	Olena Pushynska
41	G02-TS01-GUI130-03	P1	If only one digit is displayed in edit field, "Backspace" button entails clearing edit field (displaying "0" in it).	1.Press button "3" 2. The number "3" appeared in the edit field 3. Press the "Backspace" button	edit field cleared (displays "0")	Matiukhin Oleksandr	Olena Pushynska
42	G02-TS01-GUI130-04	P1	If only one digit is displayed in edit field, "Backspace" button entails clearing edit field (displaying "0" in it).	1.Press button "4" 2. The number "4" appeared in the edit field 3. Press the "Backspace" button	edit field cleared (displays "0")	Matiukhin Oleksandr	Olena Pushynska
43	G02-TS01-GUI130-05	P1	If only one digit is displayed in edit field, "Backspace" button entails clearing edit field (displaying "0" in it).	1.Press button "5" 2. The number "5" appeared in the edit field 3. Press the "Backspace" button	edit field cleared (displays "0")	Matiukhin Oleksandr	Olena Pushynska
44	G02-TS01-GUI130-06	P1	If only one digit is displayed in edit field, "Backspace" button entails clearing edit field (displaying "0" in it).	1.Press button "6" 2. The number "6" appeared in the edit field 3. Press the "Backspace" button	edit field cleared (displays "0")	Matiukhin Oleksandr	Olena Pushynska
45	G02-TS01-GUI130-07	P1	If only one digit is displayed in edit field, "Backspace" button entails clearing edit field (displaying "0" in it).	1.Press button "7" 2. The number "7" appeared in the edit field 3. Press the "Backspace" button	edit field cleared (displays "0")	Matiukhin Oleksandr	Olena Pushynska

46	G02-TS01-GUI130-08	P1	If only one digit is displayed in edit field, "Backspace" button entails clearing edit field (displaying "0" in it).	1.Press button "8" 2. The number "8" appeared in the edit field Press the "Backspace" button 3.	edit field cleared (displays "0")	Matiukhin Oleksandr	Olena Pushynska
47	G02-TS01-GUI130-09	P1	If only one digit is displayed in edit field, "Backspace" button entails clearing edit field (displaying "0" in it).	1.Press button "9" 2. The number "9" appeared in the edit field 3. Press the "Backspace" button	edit field cleared (displays "0")	Matiukhin Oleksandr	Olena Pushynska
48	G02-TS01-GUI140-01	P1	If case edit field contains more than one digit clicking the "Backspace" button should entail deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	1. Enter any number with 14 digits 2. Press the "Backspace" button	Deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	Matiukhin Oleksandr	Olena Pushynska
49	G02-TS01-GUI140-02	P1	If case edit field contains more than one digit clicking the "Backspace" button should entail deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	1. Enter any number with 13 digits 2. Press the "Backspace" button	Deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	Matiukhin Oleksandr	Olena Pushynska
50	G02-TS01-GUI140-03	P1	If case edit field contains more than one digit clicking the "Backspace" button should entail deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	1. Enter any number with 12 digits 2. Press the "Backspace" button	Deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	Matiukhin Oleksandr	Olena Pushynska
51	G02-TS01-GUI140-04	P1	If case edit field contains more than one digit clicking the "Backspace" button should entail deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	1. Enter any number with 11 digits 2. Press the "Backspace" button	Deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	Matiukhin Oleksandr	Olena Pushynska
52	G02-TS01-GUI140-05	P1	If case edit field contains more than one digit clicking the "Backspace" button should entail deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	1. Enter any number with 10 digits 2. Press the "Backspace" button	Deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	Matiukhin Oleksandr	Olena Pushynska
53	G02-TS01-GUI140-06	P1	If case edit field contains more than one digit clicking the "Backspace" button should entail deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	1. Enter any number with 9 digits Press the "Backspace" button 2.	Deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	Matiukhin Oleksandr	Olena Pushynska
54	G02-TS01-GUI140-07	P1	If case edit field contains more than one digit clicking the "Backspace" button should entail deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	1. Enter any number with 8 digits Press the "Backspace" button 2.	Deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	Matiukhin Oleksandr	Olena Pushynska
55	G02-TS01-GUI140-08	P1	If case edit field contains more than one digit clicking the "Backspace" button should entail deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	1. Enter any number with 7 digits Press the "Backspace" button 2.	Deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	Matiukhin Oleksandr	Olena Pushynska

56	G02-TS01-GUI140-09	P1	If case edit field contains more than one digit clicking the "Backspace" button should entail deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	1. Enter any number with 6 digits Press the "Backspace" button	2. Deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	Matiukhin Oleksandr	Olena Pushynska
57	G02-TS01-GUI140-010	P1	If case edit field contains more than one digit clicking the "Backspace" button should entail deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	1. Enter any number with 5 digits Press the "Backspace" button	2. Deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	Matiukhin Oleksandr	Olena Pushynska
58	G02-TS01-GUI140-011	P1	If case edit field contains more than one digit clicking the "Backspace" button should entail deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	1. Enter any number with 4 digits Press the "Backspace" button	2. Deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	Matiukhin Oleksandr	Olena Pushynska
59	G02-TS01-GUI140-012	P1	If case edit field contains more than one digit clicking the "Backspace" button should entail deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	1. Enter any number with 3 digits Press the "Backspace" button	2. Deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	Matiukhin Oleksandr	Olena Pushynska
60	G02-TS01-GUI140-013	P1	If case edit field contains more than one digit clicking the "Backspace" button should entail deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	1. Enter any number with 2 digits Press the "Backspace" button	2. Deleting last digit from the number displayed in the edit field and shifting rest of the digits to one position right.	Matiukhin Oleksandr	Olena Pushynska
61	G02-TS01-GUI150-01	P1	If edit field contains the result of calculation or arithmetic operation button was pressed, clicking "Backspace" button program should not entail changes for edit field.	1. Enter any number 2. Press "+" button Enter any number Press "+" button Press the "Backspace" button	The edit field contains the result of the calculation , pressing the "Backspace" button program does not entail changes in the edit field.	Matiukhin Oleksandr	Kamluk Igor
62	G02-TS01-GUI150-02	P1	If edit field contains the result of calculation or arithmetic operation button was pressed, clicking "Backspace" button program should not entail changes for edit field.	1. Enter any number 2. Press "+" button Enter any number Press " - " button Press the "Backspace" button	The edit field contains the result of the calculation , pressing the "Backspace" button program does not entail changes in the edit field.	Matiukhin Oleksandr	Kamluk Igor
63	G02-TS01-GUI150-03	P1	If edit field contains the result of calculation or arithmetic operation button was pressed, clicking "Backspace" button program should not entail changes for edit field.	1. Enter any number 2. Press "+" button Enter any number Press " * " button Press the "Backspace" button	The edit field contains the result of the calculation , pressing the "Backspace" button program does not entail changes in the edit field.	Matiukhin Oleksandr	Kamluk Igor
64	G02-TS01-GUI150-04	P1	If edit field contains the result of calculation or arithmetic operation button was pressed, clicking "Backspace" button program should not entail changes for edit field.	1. Enter any number 2. Press "+" button Enter any number Press " / " button Press the "Backspace" button	The edit field contains the result of the calculation , pressing the "Backspace" button program does not entail changes in the edit field.	Matiukhin Oleksandr	Kamluk Igor

65	G02-TS01-GUI150-05	P1	If edit field contains the result of calculation or arithmetic operation button was pressed, clicking "Backspace" button program should not entail changes for edit field.	1. Enter any number 2. Press "-" button Enter any number Press "+" button Press the "Backspace" button	3. 4. 5.	The edit field contains the result of the calculation , pressing the "Backspace" button program does not entail changes in the edit field.	Matiukhin Oleksandr	Kamluk Igor
66	G02-TS01-GUI150-06	P1	If edit field contains the result of calculation or arithmetic operation button was pressed, clicking "Backspace" button program should not entail changes for edit field.	1. Enter any number 2. Press "-" button Enter any number Press "-" button Press the "Backspace" button	3. 4. 5.	The edit field contains the result of the calculation , pressing the "Backspace" button program does not entail changes in the edit field.	Matiukhin Oleksandr	Kamluk Igor
67	G02-TS01-GUI150-07	P1	If edit field contains the result of calculation or arithmetic operation button was pressed, clicking "Backspace" button program should not entail changes for edit field.	1. Enter any number 2. Press "-" button Enter any number Press "*" button Press the "Backspace" button	3. 4. 5.	The edit field contains the result of the calculation , pressing the "Backspace" button program does not entail changes in the edit field.	Matiukhin Oleksandr	Kamluk Igor
68	G02-TS01-GUI150-08	P1	If edit field contains the result of calculation or arithmetic operation button was pressed, clicking "Backspace" button program should not entail changes for edit field.	1. Enter any number 2. Press "-" button Enter any number Press "/" button Press the "Backspace" button	3. 4. 5.	The edit field contains the result of the calculation , pressing the "Backspace" button program does not entail changes in the edit field.	Matiukhin Oleksandr	Kamluk Igor
69	G02-TS01-GUI150-09	P1	If edit field contains the result of calculation or arithmetic operation button was pressed, clicking "Backspace" button program should not entail changes for edit field.	1. Enter any number 2. Press "*" button Enter any number Press "+" button Press the "Backspace" button	3. 4. 5.	The edit field contains the result of the calculation , pressing the "Backspace" button program does not entail changes in the edit field.	Matiukhin Oleksandr	Kamluk Igor
70	G02-TS01-GUI150-010	P1	If edit field contains the result of calculation or arithmetic operation button was pressed, clicking "Backspace" button program should not entail changes for edit field.	1. Enter any number 2. Press "*" button Enter any number Press "-" button Press the "Backspace" button	3. 4. 5.	The edit field contains the result of the calculation , pressing the "Backspace" button program does not entail changes in the edit field.	Matiukhin Oleksandr	Kamluk Igor
71	G02-TS01-GUI150-011	P1	If edit field contains the result of calculation or arithmetic operation button was pressed, clicking "Backspace" button program should not entail changes for edit field.	1. Enter any number 2. Press "*" button Enter any number Press "*" button Press the "Backspace" button	3. 4. 5.	The edit field contains the result of the calculation , pressing the "Backspace" button program does not entail changes in the edit field.	Matiukhin Oleksandr	Kamluk Igor
72	G02-TS01-GUI150-012	P1	If edit field contains the result of calculation or arithmetic operation button was pressed, clicking "Backspace" button program should not entail changes for edit field.	1. Enter any number 2. Press "*" button Enter any number Press "/" button Press the "Backspace" button	3. 4. 5.	The edit field contains the result of the calculation , pressing the "Backspace" button program does not entail changes in the edit field.	Matiukhin Oleksandr	Kamluk Igor
73	G02-TS01-GUI150-013	P1	If edit field contains the result of calculation or arithmetic operation button was pressed, clicking "Backspace" button program should not entail changes for edit field.	1. Enter any number 2. Press "/" button 3. Enter any number except "0" Press "+" button Press the "Backspace" button	4. 5.	The edit field contains the result of the calculation , pressing the "Backspace" button program does not entail changes in the edit field.	Matiukhin Oleksandr	Kamluk Igor

74	G02-TS01-GUI150-014	P1	If edit field contains the result of calculation or arithmetic operation button was pressed, clicking "Backspace" button program should not entail changes for edit field.	1. Enter any number 2. Press " / " button 3. Enter any number except "0" Press " - " button Press the "Backspace" button 4. 5.	The edit field contains the result of the calculation , pressing the "Backspace" button program does not entail changes in the edit field.	Matiukhin Oleksandr	Kamluk Igor
75	G02-TS01-GUI150-015	P1	If edit field contains the result of calculation or arithmetic operation button was pressed, clicking "Backspace" button program should not entail changes for edit field.	1. Enter any number 2. Press " / " button 3. Enter any number except "0" Press " * " button Press the "Backspace" button 4. 5.	The edit field contains the result of the calculation , pressing the "Backspace" button program does not entail changes in the edit field.	Matiukhin Oleksandr	Kamluk Igor
76	G02-TS01-GUI150-016	P1	If edit field contains the result of calculation or arithmetic operation button was pressed, clicking "Backspace" button program should not entail changes for edit field.	1. Enter any number 2. Press " / " button 3. Enter any number except "0" Press " / " button Press the "Backspace" button 4. 5.	The edit field contains the result of the calculation , pressing the "Backspace" button program does not entail changes in the edit field.	Matiukhin Oleksandr	Kamluk Igor
77	G02-TS01-GUI150-017	P1	If edit field contains the result of calculation or arithmetic operation button was pressed, clicking "Backspace" button program should not entail changes for edit field.	1. Make a calculation 2. Press the "Backspace" button	The edit field contains the result of the calculation , pressing the "Backspace" button program does not entail changes in the edit field.	Matiukhin Oleksandr	Kamluk Igor
78	G02-TS01-GUI160-01	P1	Following hot-keys combination can be used for manipulating with calculator: "Alt-B" can be used as "Backspace" button	1. Enter any number 2. Press the key combination "Alt-B"	1.If only one digit is displayed in the edit field, clearing the edit field (it displays "0"). 2. If the case edit field contains more than one digit - remove the last digit from the number displayed in the edit field and shift the rest numbers one position to the right.	Matiukhin Oleksandr	Kamluk Igor
79	G02-TS01-GUI160-02	P1	Following hot-keys combination can be used for manipulating with calculator: "Alt-B" can be used as "Backspace" button	1. Perform a calculation or arithmetic operation 2. Press the key combination "Alt-B"	1. Should not entail changing the edit field.	Matiukhin Oleksandr	Kamluk Igor
80	G02-TS01-GUI160-03	P1	Following hot-keys combination can be used for manipulating with calculator: "Alt-B" can be used as "Backspace" button	1. Perform an arithmetic operation 2. Press the key combination "Alt-C"	1. The current arithmetic operation is discarded, Clear edit field (display "0" in it)	Matiukhin Oleksandr	Kamluk Igor
84	G02-TS01-GUI160-04	P1	Following hot-keys combination can be used for manipulating with calculator: "Alt-C" can be used as "Clear" button	1. Enter any number 2. Press the key combination "Alt-C"	1. Clear edit field (display "0" in it)	Matiukhin Oleksandr	Kamluk Igor
82	G02-TS01-GUI160-05	P1	Following hot-keys combination can be used for manipulating with calculator: "Alt-C" can be used as "Clear" button	1.Perform a calculation 2. Press the key combination "Alt-C"	1. The current arithmetic operation is discarded, Clear edit field (display "0" in it)	Matiukhin Oleksandr	Kamluk Igor
83	G02-TS01-F-10-01	P1	No installation is required for Calculator application. Calculator.exe file should be placed into folder as per user decision. Pressing "Enter" button or double clicking on executable (calculator.exe) file results in Calculator application starting.	1. Go to the desktop 2. Double tap on calculator shortcut	Calculator application starting	Matiukhin Oleksandr	Kamluk Igor



84	G02-TS01-F-10-02	P1	No installation is required for Calculator application. Calculator.exe file should be placed into folder as per user decision. Pressing "Enter" button or double clicking on executable (calculator.exe) file results in Calculator application starting.	1. Go to the desktop 2. Select the label "Calculator.exe" with the left mouse button 3. Press "Enter"	Calculator application starting	Matiukhin Oleksandr	Kamluk Igor
85	G02-TS01-F-15-01	P1	Calculator has to operate with integer as well as fractional numbers.	1. Press button "5" 2. Press the "+" button 3. Press button "5" 4. Press the "=" button	The edit box will display "10"	Matiukhin Oleksandr	Andrii Cherniavskyi
86	G02-TS01-F-15-02	P1	Calculator has to operate with integer as well as fractional numbers.	1. Press button "5" 2. Press the "-" button 3. Press button "2" 4. Press the "=" button	The edit box will display "3"	Matiukhin Oleksandr	Andrii Cherniavskyi
87	G02-TS01-F-15-03	P1	Calculator has to operate with integer as well as fractional numbers.	1. Press button "5" 2. Press the "*" button 3. Press button "4" 4. Press the "=" button	The edit box will display "20"	Matiukhin Oleksandr	Andrii Cherniavskyi
88	G02-TS01-F-15-04	P1	Calculator has to operate with integer as well as fractional numbers.	1. Press button "5" 2. Press the "/" button 3. Press button "2" 4. Press the "=" button	The edit box will display "2,5"	Matiukhin Oleksandr	Andrii Cherniavskyi
89	G02-TS01-F-15-05	P1	Calculator has to operate with integer as well as fractional numbers.	1. Press button "1,5" 2. Press the "+" button 3. Press button "2,5" 4. Press the "=" button	The edit box will display "4"	Matiukhin Oleksandr	Andrii Cherniavskyi
90	G02-TS01-F-15-06	P1	Calculator has to operate with integer as well as fractional numbers.	1. Press button "2,5" 2. Press the "-" button 3. Press button "0,5" 4. Press the "=" button	The edit box will display "2"	Matiukhin Oleksandr	Andrii Cherniavskyi
91	G02-TS01-F-15-07	P1	Calculator has to operate with integer as well as fractional numbers.	1. Press button "2,5" 2. Press the "*" button 3. Press button "0,5" 4. Press the "=" button	The edit box will display "1,25"	Matiukhin Oleksandr	Andrii Cherniavskyi
92	G02-TS01-F-15-08	P1	Calculator has to operate with integer as well as fractional numbers.	1. Press button "2,5" 2. Press the "/" button 3. Press button "0,5" 4. Press the "=" button	The edit box will display "5"	Matiukhin Oleksandr	Andrii Cherniavskyi
93	G02-TS01-F-20-01	P1	Entering negative numbers in the calculator	1. Enter a negative number "-4" 2. The negative number "-4" appeared on the screen	Entering negative numbers is supported by the calculator	Kamluk Igor	Matiukhin Oleksandr
94	G02-TS01-F-20-02	P1	Displaying a negative number as a result of the performed operation	1. Enter the math operation "5-7" 2. Showing result "-2"	As a result of the performed operation, a negative number is displayed	Kamluk Igor	Matiukhin Oleksandr

95	G02-TS01-F-30-01	P1	The calculator works with numbers from -1.79769e+308	<ol style="list-style-type: none"> <li>1. Enter 0</li> <li>2. Press the button "-"</li> <li>3. Enter 1.79769</li> <li>4. Press the "=" button (the result in the edit field is -1.79769)</li> <li>5. Press the "*" button</li> <li>6. Enter 10,000,000,000,000</li> <li>7. Press the "=" button (in the editing field - the result)</li> <li>8. Repeat steps 5-7, more than 22 times</li> <li>9. Press the "*" button</li> <li>10. Enter 1,000,000,000</li> <li>11. Press the button "="</li> </ol>	In the edit box, the result is -1.79769e+308	Kamluk Igor	Matiukhin Oleksandr
96	G02-TS01-F-30-02	P1	Calculator operation with a lower number than -1.79769e+308	<ol style="list-style-type: none"> <li>1. Enter 0</li> <li>2. Press the button "-"</li> <li>3. Enter 1.79769</li> <li>4. Press the "=" button (the result in the edit field is -1.79769)</li> <li>5. Press the "*" button</li> <li>6. Enter 10,000,000,000,000</li> <li>7. Press the "=" button (in the editing field - the result)</li> <li>8. Repeat steps 5-7, more than 22 times</li> <li>9. Press the "*" button</li> <li>10. Enter 1,000,000,000</li> <li>11. Press the button "="</li> <li>12. Press the "*" button</li> <li>13. Enter 10</li> <li>14. Press the button "="</li> </ol>	In the edit field, text about the error	Kamluk Igor	Matiukhin Oleksandr
97	G02-TS01-F-30-03	P1	The calculator works with the numbers 1.79769e+308	<ol style="list-style-type: none"> <li>1. Enter 1.79769</li> <li>2. Press the "*" button</li> <li>3. Enter 10,000,000,000,000</li> <li>4. Press the "=" button (in the editing field - the result)</li> <li>5. Repeat steps 2-4, more than 22 times</li> <li>6. Press the "*" button</li> <li>7. Enter 1,000,000,000</li> <li>8. Press the button "="</li> </ol>	In the edit box, the result is 1.79769e+308	Kamluk Igor	Matiukhin Oleksandr
98	G02-TS01-F-30-04	P1	Calculator operation with a number greater than 1.79769e+308	<ol style="list-style-type: none"> <li>1. Enter 1.79769</li> <li>2. Press the "*" button</li> <li>3. Enter 10,000,000,000,000</li> <li>4. Press the "=" button (in the editing field - the result)</li> <li>5. Repeat steps 2-4, more than 22 times</li> <li>6. Press the "*" button</li> <li>7. Enter 1,000,000,000</li> <li>8. Press the button "="</li> <li>9. Press the "*" button</li> <li>10. Enter 10</li> <li>11. Press the button "="</li> </ol>	In the edit field, text about the error	Kamluk Igor	Matiukhin Oleksandr

99	G02-TS01-F-40-01	P1	Support for entering numbers through the operating keyboard	<ol style="list-style-type: none"> <li>1. Open the calculator</li> <li>2. Enter the numbers from (1) to (9) using the operation keyboard</li> <li>3. Number input is supported</li> <li>4. The numbers are displayed on the screen</li> </ol>	Number input is supported	Kamluk Igor	Matiukhin Oleksandr
100	G02-TS01-F-50-01	P1	Operation of a calculator with two operands with a given mathematical operation	<ol style="list-style-type: none"> <li>1. Enter operand 5</li> <li>2. Enter the mathematical operation of multiplication</li> <li>3. Enter operand 7</li> <li>4. Two operands with the given mathematical multiplication operation are displayed</li> </ol>	The calculator works with two operands and a given mathematical operation between these two operands.	Kamluk Igor	Matiukhin Oleksandr
101	G02-TS01-F-60-01	P1	Display of mathematical operations in the calculator	<ol style="list-style-type: none"> <li>1. The "+" button is a mathematical addition operation</li> <li>2. Button "-" mathematical operation of subtraction</li> <li>3. Button "*" mathematical operation of multiplication</li> <li>4. Button "/" mathematical division operation</li> </ol>	Mathematical operations are in the calculator	Kamluk Igor	Matiukhin Oleksandr
102	G02-TS01-F-70-01	P1	Displaying the result of the operation when the "=" button is pressed	<ol style="list-style-type: none"> <li>1. Enter the number "8"</li> <li>2. Press the button "/" division operation</li> <li>3. Enter the number "2"</li> <li>4. Perform a division operation by pressing the "=" button</li> <li>5. Result "4" is displayed in the edit field</li> </ol>	Displaying the result of the operation in the editing field when the "=" button is pressed	Kamluk Igor	Matiukhin Oleksandr
103	G02-TS01-H-10	P1	Running the calculator on minimum requirements	<ol style="list-style-type: none"> <li>1. Click on the Windows 98 section</li> <li>2. Wait for the emulator to load</li> <li>3. Enter the mathematical operation "5+5"</li> <li>4. As a result, the number "10" appeared in the edit field</li> </ol>	A mathematical operation is entered, the result is displayed on the screen	Kamluk Igor	Matiukhin Oleksandr
104	G02-TS01-H-20	P1	Running the calculator on the recommended configuration	<ol style="list-style-type: none"> <li>1. Click on the Windows 2000 section</li> <li>2. Wait for the emulator to load</li> <li>3. Enter the mathematical operation "2+2"</li> <li>4. As a result, the number "4" appeared in the edit field</li> </ol>	A mathematical operation is entered, the result is displayed on the screen	Kamluk Igor	Matiukhin Oleksandr
105	G02-TS01-F-80-01	P1	The result of the arithmetic operation "+" is displayed in the editing field after pressing the button of the arithmetic operation "+", when the previous calculation was not completed by pressing "=" and the second operand is specified.	<ol style="list-style-type: none"> <li>1. Enter first operator</li> <li>2. Press button arithmetic operation "+"</li> <li>3. Enter second operator</li> <li>4. Arithmetic operation button "+" press.</li> </ol>	In edit field the result is the equivalent sum of the first and the second operators	Andrii Cherniavskyi	Bohdan Panchenko
106	G02-TS01-F-80-02	P1	The result of the arithmetic operation "-" is displayed in the editing field after pressing the button of the arithmetic operation "+", when the previous calculation was not completed by pressing "=" and the second operand is specified.	<ol style="list-style-type: none"> <li>1. Enter first operator</li> <li>2. Press button arithmetic operation "-"</li> <li>3. Enter second operator</li> <li>4. Arithmetic operation button "+" press.</li> </ol>	In edit field the result is the equivalent subtraction of the first and the second operators	Andrii Cherniavskyi	Bohdan Panchenko

107	G02-TS01-F-80-03	P1	The result of the arithmetic operation "*" is displayed in the editing field after pressing the button of the arithmetic operation "+", when the previous calculation was not completed by pressing "=" and the second operand is specified.	1. Enter first operator 2. Press button arithmetic operation "*" 3. Enter second operator 4. Arithmetic operation button "+" press.	In edit field the result is the equivalent multiplication of the first and the second operators	Andrii Cherniavskiy	Bohdan Panchenko
108	G02-TS01-F-80-04	P1	The result of the arithmetic operation "/" is displayed in the editing field after pressing the button of the arithmetic operation "+", when the previous calculation was not completed by pressing "=" and the second operand is specified.	1. Enter first operator 2. Press button arithmetic operation "/" 3. Enter second operator 4. Arithmetic operation button "+" press.	In edit field the result is the equivalent dividing of the first and the second operators	Andrii Cherniavskiy	Bohdan Panchenko
109	G02-TS01-F-80-05	P1	The result of the arithmetic operation "+" is displayed in the editing field after pressing the button of the arithmetic operation "-", when the previous calculation was not completed by pressing "=" and the second operand is specified.	1. Enter first operator 2. Press button arithmetic operation "+" 3. Enter second operator 4. Arithmetic operation button "-" press.	In edit field the result is the equivalent sum of the first and the second operators	Andrii Cherniavskiy	Bohdan Panchenko
110	G02-TS01-F-80-06	P1	The result of the arithmetic operation "-" is displayed in the editing field after pressing the button of the arithmetic operation "-", when the previous calculation was not completed by pressing "=" and the second operand is specified.	1. Enter first operator 2. Press button arithmetic operation "-" 3. Enter second operator 4. Arithmetic operation button "-" press.	In edit field the result is the equivalent subtraction of the first and the second operators	Andrii Cherniavskiy	Bohdan Panchenko
111	G02-TS01-F-80-07	P1	The result of the arithmetic operation "*" is displayed in the editing field after pressing the button of the arithmetic operation "-", when the previous calculation was not completed by pressing "=" and the second operand is specified.	1. Enter first operator 2. Press button arithmetic operation "*" 3. Enter second operator 4. Arithmetic operation button "-" press.	In edit field the result is the equivalent multiplication of the first and the second operators	Andrii Cherniavskiy	Bohdan Panchenko
112	G02-TS01-F-80-08	P1	The result of the arithmetic operation "/" is displayed in the editing field after pressing the button of the arithmetic operation "-", when the previous calculation was not completed by pressing "=" and the second operand is specified.	1. Enter first operator 2. Press button arithmetic operation "/" 3. Enter second operator 4. Arithmetic operation button "-" press.	In edit field the result is the equivalent dividing of the first and the second operators	Andrii Cherniavskiy	Bohdan Panchenko
113	G02-TS01-F-80-09	P1	The result of the arithmetic operation "+" is displayed in the editing field after pressing the button of the arithmetic operation "*", when the previous calculation was not completed by pressing "=" and the second operand is specified.	1. Enter first operator 2. Press button arithmetic operation "+" 3. Enter second operator 4. Arithmetic operation button "*" press.	In edit field the result is the equivalent sum of the first and the second operators	Andrii Cherniavskiy	Bohdan Panchenko
114	G02-TS01-F-80-10	P1	The result of the arithmetic operation "-" is displayed in the editing field after pressing the button of the arithmetic operation "*", when the previous calculation was not completed by pressing "=" and the second operand is specified.	1. Enter first operator 2. Press button arithmetic operation "-" 3. Enter second operator 4. Arithmetic operation button "*" press.	In edit field the result is the equivalent subtraction of the first and the second operators	Andrii Cherniavskiy	Bohdan Panchenko

115	G02-TS01-F-80-11	P1	The result of the arithmetic operation "*" is displayed in the editing field after pressing the button of the arithmetic operation "*", when the previous calculation was not completed by pressing "=" and the second operand is specified.	1. Enter first operator 2. Press button arithmetic operation "*" 3. Enter second operator 4. Arithmetic operation button "*" press.	In edit field the result is the equivalent multiplication of the first and the second operators	Andrii Cherniavskiy	Bohdan Panchenko
116	G02-TS01-F-80-12	P1	The result of the arithmetic operation "/" is displayed in the editing field after pressing the button of the arithmetic operation "/", when the previous calculation was not completed by pressing "=" and the second operand is specified.	1. Enter first operator 2. Press button arithmetic operation "/" 3. Enter second operator 4. Arithmetic operation button "/" press.	In edit field the result is the equivalent dividing of the first and the second operators	Andrii Cherniavskiy	Bohdan Panchenko
117	G02-TS01-F-80-13	P1	The result of the arithmetic operation "+" is displayed in the editing field after pressing the button of the arithmetic operation "+", when the previous calculation was not completed by pressing "=" and the second operand is specified.	1. Enter first operator 2. Press button arithmetic operation "+" 3. Enter second operator 4. Arithmetic operation button "+" press.	In edit field the result is the equivalent sum of the first and the second operators	Andrii Cherniavskiy	Bohdan Panchenko
118	G02-TS01-F-80-14	P1	The result of the arithmetic operation "-" is displayed in the editing field after pressing the button of the arithmetic operation "-", when the previous calculation was not completed by pressing "=" and the second operand is specified.	1. Enter first operator 2. Press button arithmetic operation "-" 3. Enter second operator 4. Arithmetic operation button "-" press.	In edit field the result is the equivalent subtraction of the first and the second operators	Andrii Cherniavskiy	Bohdan Panchenko
119	G02-TS01-F-80-15	P1	The result of the arithmetic operation "*" is displayed in the editing field after pressing the button of the arithmetic operation "*", when the previous calculation was not completed by pressing "=" and the second operand is specified.	1. Enter first operator 2. Press button arithmetic operation "*" 3. Enter second operator 4. Arithmetic operation button "/" press.	In edit field the result is the equivalent multiplication of the first and the second operators	Andrii Cherniavskiy	Bohdan Panchenko
120	G02-TS01-F-80-16	P1	The result of the arithmetic operation "/" is displayed in the editing field after pressing the button of the arithmetic operation "/", when the previous calculation was not completed by pressing "=" and the second operand is specified.	1. Enter first operator 2. Press button arithmetic operation "/" 3. Enter second operator 4. Arithmetic operation button "/" press.	In edit field the result is the equivalent dividing of the first and the second operators	Andrii Cherniavskiy	Bohdan Panchenko
121	G02-TS01-F-90-01	P1	Arithmetic operation "+" of the number from the edit field and the entered second operator	1. Arithmetic operation button "+" press. 2. Second operator specified 3. Press "="	1. Edit field with previous result do not change 2. In edit field the result is the equivalent sum of the previous result and the second operator	Andrii Cherniavskiy	Bohdan Panchenko
122	G02-TS01-F-90-02	P1	Arithmetic operation "-" of the number from the edit field and the entered second operator	1. Arithmetic operation button "-" press. 2. Second operator specified 3. Press "="	1. Edit field with previous result do not change 2. In edit field the result is the equivalent subtraction of the previous result and the second operator	Andrii Cherniavskiy	Bohdan Panchenko

123	G02-TS01-F-90-03	P1	Arithmetic operation "*" of the number from the edit field and the entered second operator	1. Arithmetic operation button "*" press. 2. Second operator specified 3. Press "="	1. Edit field with previous result do not change 2. In edit field the result is the equivalent multiplication of the previous result and the second operator	Andrii Cherniavskyi	Bohdan Panchenko
124	G02-TS01-F-90-04	P1	Arithmetic operation "/" of the number from the edit field and the entered second operator	1. Arithmetic operation button "/" press. 2. Second operator specified 3. Press "="	1. Edit field with previous result do not change 2. In edit field the result is the equivalent dividing of the previous result and the second operator	Andrii Cherniavskyi	Bohdan Panchenko
125	G02-TS01-F-100-01	P1	When multiple arithmetic operations have been performed, addition will be performed if the last arithmetic operation was "+".	1. Enter first operator 2. Press some arithmetic operation 3. Then arithmetic operation button "+" press. 4. Enter second operator 5. Press button "="	In edit field the result is the equivalent sum of the first and the second operators	Andrii Cherniavskyi	Bohdan Panchenko
126	G02-TS01-F-100-02	P1	When multiple arithmetic operations have been performed, addition will be performed if the last arithmetic operation was "-".	1. Enter first operator 2. Press some arithmetic operation 3. Then arithmetic operation button "-" press. 4. Enter second operator 5. Press button "="	In edit field the result is the equivalent subtraction of the first and the second operators	Andrii Cherniavskyi	Bohdan Panchenko
127	G02-TS01-F-100-03	P1	When multiple arithmetic operations have been performed, addition will be performed if the last arithmetic operation was "*".	1. Enter first operator 2. Press some arithmetic operation 3. Then arithmetic operation button "*" press. 4. Enter second operator 5. Press button "="	In edit field the result is the equivalent subtraction of the first and the second operators	Andrii Cherniavskyi	Bohdan Panchenko
128	G02-TS01-F-100-04	P1	When multiple arithmetic operations have been performed, addition will be performed if the last arithmetic operation was "/".	1. Enter first operator 2. Press some arithmetic operation 3. Then arithmetic operation button "/" press. 4. Enter second operator 5. Press button "="	In edit field the result is the equivalent subtraction of the first and the second operators	Andrii Cherniavskyi	Bohdan Panchenko
129	G02-TS01-F-110-01	P1	If the result of the arithmetic operation "+" is more than 14 positions, it should be converted to exponential form and the result rounded to fit the edit field.	1. Enter first operator 2. Arithmetic operation button "+" press. 3. Enter second operator 4. Press button "="	In the editing field, the result of adding the first and second operators is rounded and transformed into an exponential form of the equivalent	Andrii Cherniavskyi	Matiukhin Oleksandr
130	G02-TS01-F-110-03	P1	If the result of the arithmetic operation "*" is more than 14 positions, it should be converted to exponential form and the result rounded to fit the edit field.	1. Enter first operator 2. Arithmetic operation button "*" press. 3. Enter second operator 4. Press button "="	In the editing field, the result of multiplication the first and second operators is rounded and transformed into an exponential form of the equivalent	Andrii Cherniavskyi	Matiukhin Oleksandr
131	G02-TS01-F-110-04	P1	If the result of the arithmetic operation "/" is more than 14 positions, it should be converted to exponential form and the result rounded to fit the edit field.	1. Enter first operator 2. Arithmetic operation button "/" press. 3. Enter second operator 4. Press button "="	In the editing field, the result of dividing the first and second operators is rounded and transformed into an exponential form of the equivalent	Andrii Cherniavskyi	Matiukhin Oleksandr

132	G02-TS01-F-120-01	P1	The calculator should treat the error situation as "division by 0" and display an appropriate message	1. Enter any number (nonzero) as first operator 2. Arithmetic operation button "/" press. 3. Enter "0" as second operator 4. Press button "="	The error message "Division by zero is not possible" is displayed	Andrii Cherniavskiy	Matiukhin Oleksandr
133	G02-TS01-F-120-02	P1	The calculator should treat the error situation as undefined result and display an appropriate message	1. Enter "0" (zero) as first operator 2. Arithmetic operation button "/" press. 3. Enter "0" (zero) as second operator 4. Press button "="	The error message "The result is not determined" is displayed	Andrii Cherniavskiy	Matiukhin Oleksandr
134	G02-TS01-F-120-03	P1	The calculator should treat the error situation as a duplicate digit separator and display the appropriate message	1. Enter operator with digit separator at the end 2. Press button "," again	The error message about duplicate digit separator is displayed	Andrii Cherniavskiy	Matiukhin Oleksandr
135	G02-TS01-F-130-01	P1	Calculator should be closed by clicking "X" button.	1. Click on button "X" at the right upper corner window	The application Calculator will be close.	Andrii Cherniavskiy	Matiukhin Oleksandr
136	G02-TS01-U10-01	P2	Calculator GUI is created in complete single style.	1. Familiarize yourself with the design of the calculator. 2. Checking the comparison of appearance and all available sources 3. Checking the comparison of the dimensions of all structural elements to each other and to the size of the application 4. Checking the color palette of applications	Calculator GUI is created in complete single style.	Bohdan Panchenko	Andrii Cherniavskiy
137	G02-TS01-U20-01	P1	If erroneous situation appears, displayed message contain description of situation and ways to solve it.	1. Enter the combination "5/0" in the editing field 2. Press the "=" symbol 3. Calculator displays error message and error description	If erroneous situation appears, displayed message contain description of situation and ways to solve it.	Bohdan Panchenko	Andrii Cherniavskiy
138	G02-TS01-D10-01	P3	There is no documentation required for Calculator.	1. Examine the calculator menu for documentation	There is no documentation required for Calculator.	Bohdan Panchenko	Andrii Cherniavskiy
139	G02-TS01-D20-01	P3	There is no help required for Calculator.	1. Examine the calculator menu for help	There is no help required for Calculator.	Bohdan Panchenko	Andrii Cherniavskiy
140	G02-TS01-P10-01	P1	Time interval between user clicks on "0", ..., "9", ".", "Backspace" or "Clear" buttons and displaying result of activity in edit field should not exceed 1 second.	1. Enter a random numerical value and / or an action to delete the data entered in the input field 2. We record the time from pressing the required button with the value of the number or action and displaying the result of the action on the screen	Time interval between user clicks on "0", ..., "9", ".", "Backspace" or "Clear" buttons and displaying result of activity in edit field does not exceed 1 second.	Bohdan Panchenko	Andrii Cherniavskiy
141	G02-TS01-P20-01	P1	Time required to execute calculation operation (adding, subtracting, multiplying, dividing) with two numbers and displaying result of operation should not exceeds 2 seconds.	1. Enter random numerical values and arithmetic operations with them in the data entry field 2. We note the time from pressing the button is equal to "=" and displaying the result of the action on the screen	Time required to execute calculation operation (adding, subtracting, multiplying, dividing) with two numbers and displaying result of operation does not exceeds 2 seconds.	Bohdan Panchenko	Andrii Cherniavskiy

142	G02-TS01-P30-01	P1	Execution of calculation operation (adding, subtracting, multiplying, dividing) with two numbers and displaying result of operation should not take more then 3% CPU usage.	<ol style="list-style-type: none"> <li>1. Enter two random numerical values and arithmetic operations with them in the data entry field</li> <li>2. Open Task Manager, Processes tab</li> <li>3. Find the line with the Calculator application and look at the value in the CPU column</li> <li>4. Press the equals "=" button in the calculator</li> <li>5. Look at the "%" value in the Task Manager, the CPU column when calculating the result in the Calculator</li> </ol>	Execution of calculation operation (adding, subtracting, multiplying, dividing) with two numbers and displaying result of operation does not take more then 3% CPU usage.	Bohdan Panchenko	Andrii Cherniavskiy
143	G02-TS01-P40-01	P1	Starting and closing application should not take more then 2 seconds and 1% of CPU usage during this time.	<ol style="list-style-type: none"> <li>1. Open Task Manager, Processes tab.</li> <li>2. Find the line with the Calculator application and look at the value in the CPU column</li> <li>3. Click the close calculator button and look at the "%" value in the Task Manager, the CPU column when you close the Calculator application</li> <li>4. Click on the calculator application icon and look at the value of "%" in the Task Manager, the CPU column in the new line of the reopened application</li> </ol>	Starting and closing application does not take more then 2 seconds and 1% of CPU usage during this time.	Bohdan Panchenko	Andrii Cherniavskiy