Checklist. Project:"Calculator"							
Build			1.67		1.68		
Test type			Smoke		System		
Test date			13.12.2020		14.12.2020		
QA Tester			ILLIA VASHKEL		ILLIA VASHKEL		
Project Environment			Win 7 Ultimate SP1 (x64)		Win 7 Ultimate SP1 (x64)		
Passed, %			52,00%		76,00%		
Failed, %			16,00%		8,00%		
Not run, %			32,00%		16,00%		
Total			25		25		
Requirements	Module	Functionality	Result	Comment	Result	Comment
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R1	Button 1	Calculating the square root form natural number	Passed		Passed	
R2	Button 2	Calculating the decimal logarithm from natural number	Passed		Passed	
R3	"X =" entry field	Entering symbols from keyboard	Passed		Passed	
R3	"X =" entry field	Entering no symbols	Not run		Passed	Need to clarify text for the hint when the field is lefted empty
R3	"X =" entry field	Entering 280 symbols	Not run		Failed	
R3	"X =" entry field	Entering from the clipboard	Passed		Passed	
R3	"X =" entry field	Entering number 0	Failed	Need to clarify text for the error message (for the "Button 2" function) when number is "0"!	Not run	
R3	"X =" entry field	Entering number < 0	Failed	Need to clarify text for the hint message when number is < 0!	Not run	
R3	"X =" entry field	Decimal point separator	Passed		Passed	
R3	"X =" entry field	Editing with the Backspace keyboard key	Passed		Passed	
R3	"X =" entry field	Reset with the Esc keyboard key	Not run		Passed	
R4	"X =" entry field	Entering numbers	Passed		Passed	
R4	"X =" entry field	Entering special symbols	Failed	Need to clarify what the appliacation should do with special symbols? What the validation message should be?	Not run	
R1	"Result=" field	Function execution by cliking the Button 1	Passed		Passed	
R2	"Result=" field	Function execution by cliking the Button 2	Passed		Passed	

R5	GUI	Hints and Help	Failed	Need to ask BA about the content of hints and the forms of their implementation.	Not run	
R6	GUI	Application GUI corresponds to the mockup	Not run		Passed	Design development is in progress.
R7	GUI	English interface language	Not run		Failed	Design development is in progress. Latin words are at the mockup`s footer (a stub).
Stability		Application launch	Passed		Passed	
Stability		Application launch from command line	Not run		Passed	
Stability		Shutdown with standard OS tools	Passed		Passed	
Stability		Restart after emergency crash application work	Not run		Passed	
Stability		Switching to another application or window	Passed		Passed	
Stability		Running multiple Calcularor applications at the same time	Not run		Passed	
	GUI	Work of buttons minimize, expand, exit	Passed		Passed	

Project "Calculator" Summary	
Calculator application for math and engineering students from American universities and colleges.	
Results used by the tester when filling cells cheklist	
Passed	Everything works fine.
Fail	Functional, GUI defect is detected.
Not run	Functionality has not been tested in this build, functionality is not available for test, functionality has been not implemented yet.
Requirements specification	
Requirement ID	Requirements content
R1	The application should perform the function: calculating the square root (the button "Button 1").
R2	The application should perform the function: calculating the decimal logarithm (the button "Button 2").
R3	In the "X =" entry field, there are no restrictions on the minimum / maximum number of the entered symbols.
R4	In the "X =" entry field, there are no restrictions on the format of the entered symbols.
R5	The application should have a hint on how to work with the application.
R6	The application interface should match the mockup from the specification "Calculator.docx" file.
R7	The application should only support English interface language.

Requirement tracebality matrix										
Requirement tracebality matrix for "Calculator" application	Requirement ID	R1	R2	R3	R4	R5	R6	R7	Total requirements amount	Requirements coverage by test suite
Test suites									7	
Checklist. Smoke test. Build 1.67		☑	☑	☑	☑	☑	☑	☑	Checklist. Smoke test. Build 1.67	100,00%
Checklist. Smoke test. Build 1.68		☑	☑	☑	☑	☑	☑	☑	Checklist. Smoke test. Build 1.68	100,00%
Test case C1		☑			☑				Test case C1	28,57%
Test case C2		☑			☑				Test case C2	28,57%
Test case C3		☑			☑	☑			Test case C3	42,86%
Test case C4		☑			☑				Test case C4	28,57%
Test case C5		☑			☑				Test case C5	28,57%
Test case C6		☑			☑	☑			Test case C6	42,86%
Test case C7		☑			☑	☑			Test case C7	42,86%
Test case C8		☑			☑	☑			Test case C8	42,86%
Test case C9		☑			☑	☑			Test case C9	42,86%
Test case C10		☑		☑		☑			Test case C10	42,86%
Test case C11		☑							Test case C11	14,29%
Test case C12		☑							Test case C12	14,29%
Test case C13		☑		☑		☑			Test case C13	42,86%
Test case C14		☑					☑		Test case C14	28,57%
Total test suites amount	16									
Requirement coverage by test suites		100,00%	12,50%	25,00%	68,75%	56,25%	18,75%	12,50%		