Assessment Task 1 Rubric

BUILD and RUN	Related ULO	Very Poor (0)	Poor (1)	Good (2)	Very Good (3)	Excellent (4)
1 building in Visual Studio	ULO3	build failed - errors produced	build produced 4 or more warnings	build produced no more than 3 warnings	build succeeded with no warnings and no errors	build succeeded with no warnings and no errors
2 running in Visual Studio	ULO3	does not start	crashed	never crashed		

GUI		Very Poor (0)	Fair (1)	Good (2)		
3 invoking Event Handlers via GUI	ULO3	menu controls were not used	menu controls were used	menu controls were used and their layout was reasonable		
4 WebBrowser control(s) used to display output (such as crozzle, score, and errors)	ULO3	WebBrowser was not used	WebBrowser controls were used	WebBrowser controls were used, and organisation of output was of a high standard		
5 obtain the filename of the crozzle input file	ULO3	OpenFileDialog was not used	OpenFileDialog was used but it didn't open with the previously used folder	OpenFileDialog was correctly used		
6 obtain the filename of the configuration input file	ULO3	OpenFileDialog was not used	OpenFileDialog was used but it didn't open with the previously used folder	OpenFileDialog was correctly used		

VALID FILES		Very Poor (0)	Poor (3)	Good (4)	Very Good (5)	Excellent (6)
7 validate an EASY crozzle file and the associated EASY configuration file	ULO1	files do not load, or crozzle not displayed, or validity not displayed, or score not displayed	correct crozzle displayed	correct crozzle and correct validity displayed	correct crozzle, correct validity and score displayed (within 10% of the correct score)	correct crozzle, correct validity and correct score displayed
8 validate a MEDIUM crozzle file and the associated MEDIUM configuration file	ULO1	files do not load, or crozzle not displayed, or validity not displayed, or score not displayed	correct crozzle displayed	correct crozzle and correct validity displayed	correct crozzle, correct validity and score displayed (within 10% of the correct score)	correct crozzle, correct validity and correct score displayed
9 validate a HARD crozzle file and the associated HARD configuration file	ULO1	files do not load, or crozzle not displayed, or validity not displayed, or score not displayed	correct crozzle displayed	correct crozzle and correct validity displayed	correct crozzle, correct validity and score displayed (within 10% of the correct score)	correct crozzle, correct validity and correct score displayed

INVALID FILES		Very Poor (0)	Poor (2)	Good (5)	Very Good (10)	Excellent (15)
10 invalidate a crozzle file and/or configuration file	ULO1	0 violations detected or logged	1 or more violations detected and logged	10 or more violations detected and logged	20 or more violations detected and logged	30 or more violations detected and logged

INVALID CROZZLES		Very Poor (0)	Poor (2)	Good (4)	Very Good (6)	Excellent (8)
11 invalidate an EASY crozzle	ULO1	0 violations detected or logged	1 violation detected and logged	2 violations detected and logged	3 violations detected and logged	4 violations detected and logged
12 invalidate a MEDIUM crozzle	ULO1	0 violations detected or logged	1 violation detected and logged	2 violations detected and logged	3 violations detected and logged	4 violations detected and logged
13 invalidate a HARD crozzle	ULO1	0 violations detected or logged	1 violation detected and logged	2 violations detected and logged	3 violations detected and logged	4 violations detected and logged

CODE		Very Poor (0)	Poor (1)	Good (2)	Very Good (3)	
14 layout	ULO3	ignored	can be improved	acceptable		
15 naming - meaning	ULO3	ignored	can be improved	meaningful		
16 naming - case	ULO3	ignored	can be improved	nearly always used case properly		
17 magic numbers	ULO3	ignored	magic numbers used	magic numbers never used		
18 comments	ULO3	ignored	mainly used // comments	mainly used /// and tags (summary, param and returns)		
19 regular expressions	ULO1	ignored	appropriately used	mostly accurate	accurate	

Portfolio Document		Very Poor (0)	Poor (3)	Good (6)	Very Good (9)	Excellent (12)
20 program inputs and outputs	ULO4	ignored	minimal effort applied	can be improved	a few sections missing	professional standard