4COSC001W: Software Development I – TEST PLAN for Part 1

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Seminar Day/Time:20.04.2023   Module Tutor: Mr. Nadeesh Herath

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			TEST PLAN for **Part 1**		
Test Component	**Test No.**	**Test Input**	**A - Expected Result**	**B - Actual Result (or state 'not attempted')**	**Pass/Fail ('A' matches 'B' == Pass)**
Progress	1	Pass = 120 Defer = 0 Fail = 0	'Progress' displayed	'Progress' displayed	Pass
Progress (module trailer)	2.1	Pass = 100 Defer = 20 Fail = 0	'Progress (module trailer)' displayed	'Progress (module trailer)' displayed	Pass
	2.2	Pass = 100 Defer = 0 Fail = 20	'Progress (module trailer)' displayed	'Progress (module trailer)' displayed	Pass
Module retriever	3.1	Pass = 80 Defer = 20 Fail = 20	'Module retriever' is displayed	'Module retriever' is displayed	Pass
	3.2	Pass = 60 Defer = 0 Fail = 60	'Module retriever' is displayed	'Module retriever' is displayed	Pass
	3.3	Pass = 40 Defer = 80 Fail = 0	'Module retriever' is displayed	'Module retriever' is displayed	Pass
	3.4	Pass = 20 Defer = 40 Fail = 60	'Module retriever' is displayed	'Module retriever' is displayed	Pass
	3.5	Pass = 0 Defer = 60 Fail = 60	'Module retriever' is displayed	'Module retriever' is displayed	Pass
Exclude	4.1	Pass = 40 Defer = 0 Fail = 80	'Exclude' displayed	'Exclude' displayed	Pass
	4.2	Pass = 20 Defer = 0 Fail = 100	'Exclude' displayed	'Exclude' displayed	Pass
Validation	5.1	Pass = a	'Integer required'	'Integer required'	Pass
	5.2	Pass = 5	'Out of range'	'Out of range'	Pass
	5.3	Pass = 100 Defer = 40 Fail = 0	'Total incorrect' displayed	'Total incorrect' displayed	Pass
Loops for multiple inputs	6.1	Program loops	Predicts multiple progression outcomes	Predicts multiple progression outcomes	Pass
	6.2	Enter 'q'	Exits loop	Exits loop	Pass
Histogram	7.1		Progress 1 : * Trailer 2 : ** Retriever 5 : ***** Excluded 2 : **	Progress 1 : * Trailer 2 : ** Retriever 5 : ***** Excluded 2 : **	Pass
	7.2		10 outcomes in total.	10 outcomes in total.	Pass