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

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Seminar Day/Time:                                                              Module Tutor: Mr. Saman

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| | | **TEST PLAN for Part 1** | | | |
| | | Submit completed test plan with your code solution | | | |
| **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 | A |
| Progress (module trailer) | 2.1 | Pass = 100 Defer = 20 Fail = 0 | 'Progress (module trailer)' displayed | Progress (module trailer) | A |
| | 2.2 | Pass = 100 Defer = 0 Fail = 20 | 'Progress (module trailer)' displayed | Progress (module trailer) | A |
| Module retriever | 3.1 | Pass = 80 Defer = 20 Fail = 20 | 'Module retriever' is displayed | Do not progress - module retriever | A |
| | 3.2 | Pass = 60 Defer = 0 Fail = 60 | 'Module retriever' is displayed | Do not progress - module retriever | A |
| | 3.3 | Pass = 40 Defer = 80 Fail = 0 | 'Module retriever' is displayed | Do not progress - module retriever | A |
| | 3.4 | Pass = 20 Defer = 40 Fail = 60 | 'Module retriever' is displayed | Do not progress - module retriever | A |
| | 3.5 | Pass = 0 Defer = 60 Fail = 60 | 'Module retriever' is displayed | Do not progress - module retriever | A |
| Exclude | 4.1 | Pass = 40 Defer = 0 Fail = 80 | 'Exclude' displayed | Exclude | A |
| | 4.2 | Pass = 20 Defer = 0 Fail = 100 | 'Exclude' displayed | Exclude | A |
| Validation | 5.1 | Pass = a | 'Integer required' | Integer required | A |
| | 5.2 | Pass = 5 | 'Out of range' | Out of range | A |
| | 5.3 | Pass = 100 Defer = 40 Fail = 0 | 'Total incorrect' displayed | Total incorrect | A |
| Loops for multiple inputs | 6.1 | Program loops | Predicts multiple progression outcomes | | A |
| | 6.2 | Enter 'q' | Exits loop | | A |
| Histogram | 7.1 | | Progress 1 : * Trailer 2  : ** Retriever 4 : ***** Excluded 3 : ** | Progress 1 :  * Trailer 2  : ** Retriever 4:  **** Excluded 2 :  ** | A |
| | 7.2 | | 10 outcomes in total. | | A |