APPENDIX 1 – TEST PLAN for Part 1 - Assignment (Progress Outcomes)

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| Submit this completed test plan with your solution code and flow chart | | | | | |
| Student Name: **M.R.T.T Bandara** | |  |  | Student ID: **17612988/1,** **2019356** |  |
| Test No. | Test Input | | Expected Result | Actual Result (State if not attempted) | Pass/Fail |
| 1 | Pass = 120 | | ‘Progress’ is displayed | Displayed ‘Progress’ | Pass |
| 2 | Pass = 100 Defer = 20 | | ‘Progress – module trailer’ is displayed | Displayed ‘Progress – module trailer’ | Pass |
| 3 | Pass = 100 Fail = 20 | | ‘Progress – module trailer’ is displayed | Displayed ‘Progress – module trailer’ | Pass |
| 4 | Pass = 80 Defer = 20 Fail = 20 | | ‘Do not Progress – module retriever’ is displayed | Displayed ‘Do not Progress – module retriever’ | Pass |
| 5 | Pass = 60 Defer = 40 Fail = 20 | | ‘Do not Progress – module retriever’ is displayed | Displayed ‘Do not Progress – module retriever’ | Pass |
| 6 | Pass = 40  Defer = 40 Fail = 40 | | ‘Do not Progress – module retriever’ is displayed | Displayed ‘Do not Progress – module retriever’ | Pass |
| 7 | Pass = 20 Defer = 40 Fail = 60 | | ‘Do not Progress – module retriever’ is displayed | Displayed ‘Do not Progress – module retriever’ | Pass |
| 8 | Pass = 20  Defer = 20 Fail = 80 | | ‘Exclude’ is displayed | Displayed ‘Exclude’ | Pass |
| 9 | Pass = 20 Fail= 100 | | ‘Exclude’ is displayed | Displayed ‘Exclude’ | Pass |
| 10 | Fail = 120 | | ‘Exclude’ is displayed | Displayed ‘Exclude’ | Pass |
| Checking input data type, credit range and credit total: | | | | | |
| 11 | Pass = a | | ‘Integers required’ displayed | Displayed ‘Integers required’ | Pass |
| 12 | Defer = b | | ‘Integers required’ displayed | Displayed ‘Integers required’ | Pass |
| 13 | Fail = c | | ‘Integers required’ displayed | Displayed ‘Integers required’ | Pass |
| 14 | Pass = 2 | | ‘Range error’ is displayed | Displayed ‘Range error’ | Pass |
| 15 | Defer = 5 | | ‘Range error’ is displayed | Displayed ‘Range error’ | Pass |
| 16 | Fail = 10 | | ‘Range error’ is displayed | Displayed ‘Range error’ | Pass |
| 17 | Pass = 100 Defer = 40 | | ‘Total incorrect’ is displayed | Displayed ‘Total incorrect’ | Pass |
| 18 | Pass = 60  Fail= 40 | | ‘Total incorrect’ is displayed | Displayed ‘Total incorrect’ | Pass |