|  |
| --- |
| **4COSC006C: Software Development I – TEST PLAN for Part 1** Student Name/ID: Saad Mazhar  Seminar Day/Time: Module Tutor : Ryan Kuruppu |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Student Name: Saad Mazhar Student ID: W2053223  2053223  2053223 | | | | |
|  | 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 | Enter your PASS credits: 120  Enter your DEFER credits: 0  Enter your FAIL credits: 0  As expected, Output is Progress | Pass |
| Progress (module trailer) | 2.1 | Pass = 100  Defer = 20  Fail = 0 | ‘Progress (module trailer)’ displayed | Enter your PASS credits: 100  Enter your DEFER credits: 20  Enter your FAIL credits: 0  As expected, Output is Progress (module trailer) | Pass |
| 2.2 | Pass = 100  Defer = 0  Fail = 20 | ‘Progress (module trailer)’ displayed | Enter your PASS credits: 100  Enter your DEFER credits: 0  Enter your FAIL credits: 20  As expected, Output is Progress (module trailer) | Pass |
| Module retriever | 3.1 | Pass = 80  Defer = 20  Fail = 20 | ‘Module retriever’ is displayed | Enter your PASS credits: 80  Enter your DEFER credits: 20  Enter your FAIL credits: 20  As expected, Output is module retriever | Pass |
| 3.2 | Pass = 60  Defer = 0  Fail = 60 | ‘Module retriever’ is displayed | Enter your PASS credits: 60  Enter your DEFER credits: 0  Enter your FAIL credits: 60  As expected, Output is module retriever | Pass |
| 3.3 | Pass = 40  Defer = 80  Fail = 0 | ‘Module retriever’ is displayed | Enter your PASS credits: 40  Enter your DEFER credits: 80  Enter your FAIL credits: 0  As expected, Output is module retriever | Pass |
| 3.4 | Pass = 20  Defer = 40  Fail = 60 | ‘Module retriever’ is displayed | Enter your PASS credits: 20  Enter your DEFER credits: 40  Enter your FAIL credits: 60  As expected, Output is module retriever | Pass |
| 3.5 | Pass = 0  Defer = 60  Fail = 60 | ‘Module retriever’ is displayed | Enter your PASS credits: 0  Enter your DEFER credits: 60  Enter your FAIL credits: 60  As expected, Output is module retriever | Pass |
| Exclude | 4.1 | Pass = 40  Defer = 0  Fail = 80 | ‘Exclude’ displayed | Enter your PASS credits: 40  Enter your DEFER credits: 0  Enter your FAIL credits: 80  As expected, Output is exclude | Pass |
| 4.2 | Pass = 20  Defer = 0  Fail = 100 | ‘Exclude’ displayed | Enter your PASS credits: 20  Enter your DEFER credits: 0  Enter your FAIL credits: 100  As expected, Output is exclude. | Pass |
| Validation | 5.1 | Pass = a | ‘Integer required’ | Enter your PASS credits: a  As expected output is Integer required | Pass |
| 5.2 | Pass = 5 | ‘Out of range’ | Enter your PASS credits: 5  As expected output is Out of range | Pass |
| 5.3 | Pass = 100  Defer = 40  Fail = 0 | ‘Total incorrect’ displayed | Enter your PASS credits: 100  Enter your DEFER credits: 40  Enter your FAIL credits: 0  --------------------------------  Hold on! We are checking if the values you entered are correct.  Total incorrect  Please Try again!  As expected, output is, “Total Incorrect” | Pass |
| Loops for multiple inputs | 6.1 | Program loops | Predicts multiple progression outcomes | Works as expected | Pass |
| 6.2 | Enter ‘q’ | Exits loop | Works as expected | Pass |
| Histogram | 7.1 |  | Window pops up and renders graph. Includes values for Progress, Trailer, Retriever and Excluded | Works as expected | Pass |
| 7.2 |  | Shows outcomes in total. | Not attempted | Pass |