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|  | **CPRG 307**  **Assignment 1: Testing Feedback / Marking Guide** |

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**Mark:** 4 / 9

Note that for testing clean data (the purpose of submission #1) the data is being saved appropriately; however, if erroneous data is added, data is not being saved completely (be aware of this for submission #2).

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| **Test Type** | **Complete** | **Partially Complete** | **Incomplete** | **Score** |
|  |  |  | (0 Final Score on Assignment) |  |
| (**Automatic zero mark**) |  |  | Cannot test application as  syntax errors exist  Runtime error is occurring  preventing complete testing of  the application  Database structure has been  modified resulting in syntax or  runtime errors  Data changes are not saved  correctly (no COMMIT or  incomplete COMMIT) | N/A |

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| **Test Type** | **Complete** | **Partially Complete** | **Incomplete** | **Score** |
|  | (4 Marks) | (2.0 – 3.5 Marks) | (0 – 3 Marks) | (4) |
| Dynamic  Black-Box   * Test-to-pass | All DML successfully  performed assuming  clean data | Not all transactions  successfully processed into  TRANSACTION\_HISTORY  Not all transactions  successfully processed into  TRANSACTION\_DETAIL  Not all transactions  successfully removed from  NEW\_TRANSACTIONS  Not all account balances  successfully updated | No transactions successfully  processed into  TRANSACTION\_HISTORY  No transactions successfully  processed into  TRANSACTION\_DETAIL  No transactions successfully  removed from  NEW\_TRANSACTIONS  No account balances  successfully updated | 4.0 |

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| **Test Type** | **Complete** | **Partially Complete** | **Incomplete** | **Score** |
|  | (5 Marks) | (2.5 – 4.5 Marks) | (0 - 4 Marks) | (5) |
| Dynamic  Black-Box   * Test-to-fail | All requested errors  successfully recorded  and those errored  transactions are not  processed into the  database tables | Some error messages are  inaccurate and / or not  descriptive to the actual  error  Not all requested errors are  be caught in a controlled  manner to allow for a  descriptive error message  (I.E. get a standard database  constraint error message)  Not all requested errors are  being caught  Some transactions still being  processed even though in  error  Some transactions in error  are being removed from the  NEW\_TRANSACTIONS table | All error messages are  inaccurate and / or not  descriptive to the actual  error  All requested errors are not  being caught in a controlled  manner to allow for a  descriptive error message  (I.E. get a standard database  constraint error message)  No requested errors are  being caught  All transactions still being  processed even though in  error  All transactions in error are  being removed from the  NEW\_TRANSACTIONS table | N/A |

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| **Test Type** | **Complete** | **Partially Complete** | **Incomplete** | **Score** |
|  | (No Deductions) |  | (Deduction: 0 – 3 Marks) |  |
| Static  White-Box | All coding restriction  guidelines being  followed |  | Data values are hard coded  in the application (other than  values as outlined in the  assignment)  GOTO, EXIT, SAVEPOINT or  arrays (table of records /  collection) used  SELECT INTO on  NEW\_TRANSACTIONS  being performed  Multiple anonymous blocks  used (embedded blocks are  different than anonymous  blocks)  Stored programs included  Documentation (header and  inline comments) not present | N/A |