# **Software Development 2012 Unit 3 – Outcome 2 (60 marks)**

**Description**: Represent a software design and apply a range of functions and techniques using a programming language to develop a prototype solution to meet a specific need.

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| Criteria for assessment | Allocated Marks | **Comments (if necessary)** |
| **Design of the software module** |  |
| * Identify evaluation criteria appropriate to the solution requirements.
 |  | / 3 |
| * Data dictionary.
 |  | / 2 |
| * Pseudo-code algorithm which clearly represents the logic and sequence of the planned solution.
 |  | / 5 |
| **Creation of the software module** |
| * Efficient use of data types and data structures.
 |  | / 10 |
| * Efficient and effective programming techniques.
 |  | / 5 |
| * Content and clarity of internal documentation.
 |  | / 5 |
| * Logical choices of displayed information.
 |  | / 5  |  |
| * Efficient use of file input / output.
 |  | / 5 |  |
| * Solution meets specifications as stated in the SRS.
 |  | / 10 |
| **Testing the software module** |
| * Testing table, with well-designed test data and the results of tests shown.
 |  | / 10 |
| **Total:** |  | **/ 60** |