**Software Development – Unit 3 Outcome 1 2013**

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| **Criteria** | **Marks** | **Comments** |
| ***Preparing for Analysis*** |  |  |
| Determine the key tasks in planning the solution | **3** |  |
| List and Justify a range of data collection methods | **2** |  |
| Identify the customer | **1** |  |
| Identify the need for the customer | **1** |  |
| Identify the product name and category | **1** |  |
| Identify the key benefit of the product to the company | **1** |  |
| Describe how it is unlike the current system | **1** |  |
| Describe the advantages of the new product | **2** |  |
| Describe the software being specified and its purpose | **2** |  |
| Describe the software’s capabilities | **2** |  |
| Describe what the software will not do | **1** |  |
| Describe the networked environment that the solution will operate (including the hardware, software, protocols and network type) | **3** |  |
| **Use Cases** |  |  |
| Correct use of symbols (actors, use case, system boundary, associations, and any relevant includes or extends | **2** |  |
| Use case accurately and represent the transactions described in the organisation | **5** |  |
| **Data Flow Diagrams** |  |  |
| The correct use of symbols, entities, processes, data flows and data stores. | **2** |  |
| The DFD accurately represents the situation in the case study | **5** |  |
| **Requirements, Constraints and Scope** |  |  |
| Describe the requirements of the software solution including the functional and the non-functional requirements . | **3** |  |
| Describe all the relevant constraints that affect the solution | **2** |  |
| Describe the security vulnerabilities that will affect the design of the software solution | **1** |  |