**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 | **2** |  |
| List and Justify a range of data collection methods | **2** |  |
| Describe the networked environment in which the solution will operate ( including the hardware software, protocols and network type) | **4** |  |
| **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 | **8** |  |
| **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 | **10** |  |
| DFD Analysis (describe any inefficiencies or omissions that will need to be addressed in the design of the software solution) | **2** |  |
| **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 | **3** |  |