**ASSIGNMENT 1 FRONT SHEET**

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| **Qualification** | BTEC HND Diploma in Computing and Systems Development | | |
| **Unit number and title** | Unit 30: Application Development | | |
| **Assignment due** |  | **Assignment submitted** |  |
| **Learner’s name** |  | **Assessor name** | To Hoai Viet |

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| **Learner declaration:**  I certify that the work submitted for this assignment is my own and research sources are fully acknowledged. | | | |
| **Learner signature** |  | **Date** |  |

**Grading grid**

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| P1 | P2 | P3 | M1 | M2 | D1 |
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| **Assignment title** | **Assignment 1: Requirement Analysis and Application Design** |
| In this assignment, you will have opportunities to provide evidence against the following criteria.  Indicate the page numbers where the evidence can be found. | |

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| **Assessment criteria** | **Expected evidence** | **Task** | **Assessor’s Feedback** |
| **LO1. Produce a Software Design Document by analysing a business-related problem and deduce an appropriate solution including a set of initial requirements** | | | |
| **P1** Explore a business-related problem and produce a well-defined Problem Definition Statement supported by a set of user and system requirements. | 1. Use case diagram to capture problem requirements  2. Screen-flow diagram and wireframes (prototype screen) | 1 |  |
| **P2** Determine any areas of risk related to the successful completion of your application. | 3. Questions to identity any problem from the requirements, use cases, screen-flow diagram or UI  4. Answer to above questions according to personal research | 2 |  |
| **LO2. Use design and development methodologies with tools and techniques associated with the creation of a business application** | | | |
| **P3** Research the use of software development tools and techniques and identify any that have been selected for the development of this application. | 5. ERD describing application database  6. UML Class diagram for the core business processing | 3 |  |

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| **Assessment criteria** | **Expected Evidence** | **Feedback**  **(note on Merit/Distinction if applicable)** |
| Merit descriptor No. (M1) |  |  |
| Merit descriptor No. (M2) |  |  |
| Distinction descriptor No. (D1) |  |  |

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| Summative feedbacks: | | | |
| Assessor’s Signature |  | Date: |  |