**ASSIGNMENT FRONT SHEET <No.2>**

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| **Qualification** | **Edexcel BTEC Level 5 HND Diploma in Computing and Systems Development** | | |
| **Unit number and title** | Unit 17: Database Design Concepts | | |
| **Assignment due** |  | **Assignment submitted** |  |
| **Learner’s name** |  | **Assessor name** | Hoàng Đức Quang |
| **Learner’s ID** |  | **Submission number** |  |

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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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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| P2.1 | P2.2 | P3.1 | P3.2 | M1 | M2 | M3 | D2 | D3 |
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| **Assignment title** | **Understanding Database Development Methodology and Designing, Implementing Databases** |
| 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 no.** | **Assessor’s Feedback** |
| **LO2 Understand database design techniques** | | | |
| 2.1 analyse a database developmental methodology | * Gathering information * Requirements and business rules * Database designs * Normalization and design review * Physical design * SQL Implementation | 1 |  |
| 2.2 discuss entity-relationship modeling and normalisation | - Entity Relationship Diagram  - Normalization | 2 |  |
| **LO3 Be able to design, create and document databases** | | | |
| 3.1 apply the database developmental cycle to a given data set | * Use-case diagrams for the system * ERD for this Database (with at least four relations) * Normalization statements | 3 |  |
| 3.2 design a fully functional database (containing at least four inter-relational tables) including user interface | * Adding new category * Adding new supplier * Adding new item * Adding new customer * Adding new order * Viewing order report from a specified date range | 4 |  |

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| **Assessment criteria** | **Expected Evidence** | **Feedback**  **(note on Merit/Distinction if applicable)** |
| Merit descriptor No. (M1) |  |  |
| Merit descriptor No. (M2) |  |  |
| Merit descriptor No. (M3) |  |  |
| Merit descriptor No. (D2) |  |  |
| Merit descriptor No. (D3) |  |  |

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| Summative feedback | | | |
| **Assessor’s Signature** |  | Date |  |

**<ATTACHED EVIDENCE>**