**ASSIGNMENT 1**

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| **Qualification** | BTEC HND Diploma in Computing and Systems Development | | |
| **Unit number and title** | Unit 42: Programming in .NET | | |
| **Assignment due** | 11/08/2018 | **Assignment submitted** | 08/08/2018 |
| **Learner’s name** | Nguyễn Gia Huy | **Assessor name** | Phan Minh Tâm |

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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** | 08/08/2018 |

**Grading grid**

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| P1.1 | P1.2 | P1.3 | M1 | M3 | D1 |
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| **Assignment title** | **Understand and.NET solution** |
| 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** |
| **LO1.** Understand the principles of programming using a .NET framework**.** | | | |
| * 1. discuss the principles, characteristics and features of programming using a .NET framework. | - Interoperability  - Backward compatibility  - Common runtime engine  - Language independence  - Base class library  - Deployment  - Security  - Portability | 1 |  |
| * 1. critically compare different types of .NET   framework architectures | - Current version  - Backward compatibility  - Design consideration  - Alternative implementation | 2 | * Nói rõ phiên bản hiện tại của .NET framework. * Kiến trúc của .NET Framework. |
| * 1. critically evaluate the components that support the NET framework | 1. Common Language Runtime (CLR)  2. .NET Framework Class Library (FCL)  3. Common Type System (CTS)  4. Common Language Specification (CLS) | 3 | * Search Google hoặc từ ebooks có đầy đủ. * Chú ý: có kèm image minh họa để giới thiệu. |

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| **Assessment criteria** | **Expected Evidence** | **Feedback**  **(note on Merit/Distinction if applicable)** |
| Merit descriptor No. (M1) |  |  |
| Merit descriptor No. (M3) |  |  |
| Distinction descriptor No. (D1) |  |  |

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

**<ATTACHED EVIDENCE>**