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| **BTEC National L3 in IT (QCF)** | | |
| **Assessment Title: Comprehensive Report** | | |
| Assessor: Trevor Till | Student: | Group: SWD L3 Yr2 |
| Unit Number: 11 | Unit Title: Systems Analysis | Assignment No: U11.03 |
| Hand out Date : 10/3/20 | Hand in date: Tue 31/3/20 | Date handed in: |

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| **Scenario**  Mia has reviewed your Requirements Specification after you have explained the technical aspects and the organisational benefits to her. She thinks that it is feasible to go ahead with this new IT system. She has emailed you to tell you that you should go ahead with the job!  You know that Micro Solutions would like to implement systems as soon as possible with clients and you think that you can complete it over the next few weeks.  **Task 1 (P6, D2) – Report**   1. Use the DFD diagram that you created for your system to show the data flow around the proposed system and the processes. 2. Create an ERD for the system. 3. Design/sketch a data entry form for the booking system. This should be based on the inputs from your Requirements Specification. 4. Design/sketch a suitable ‘output’ (report/query/graph) for the booking system. This should be based on the outputs from your Requirements Specification.   **Task 2 (M2**) **– Report**  Include a section in the report above to show any constraints on the system design  and reasons for these constraints. |

**What to hand in:**

1. Data Flow Diagrams of all levels.
2. Entity relationship diagram
3. Standard Notation
4. Data Dictionary
5. Data entry screen picture/sketch
6. Suitable output screen picture/sketch
7. System constraints report.

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| **How to hand in your assessment**  This assessment must be uploaded to the VLE by the hand in date on the front of the assignment brief. If you have a valid reason why you will not be able to hand in the work on time you will need to fill out and hand in an AE form to your assessor or the Head of School. |

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| **Student declaration:**  I have read the Assignment Submission Procedure. I agree that this is my own work or my own work and that of other members of my group. It has not been copied (plagiarised) from any other source e.g. the internet, a book, another student or group of students. I know that I may FAIL this assignment if the Head of School proves that this is not my own work. | | | |
| Student signature |  | Date: |  |

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| SMOG INDEX: |  |

For staff use only.

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| **Internal Verification** | This assessment has been verified and form IV8 completed: | IV name: | IV signature: | Date: |

**Assessor marking gridStudent name:**

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| Grading Criteria | Grading criteria | Achieved  Not submitted  Fail  Resubmission | Comments/Feedback | Target date  for resubmission  (BTEC FE only - within 15 working days of receipt of results of assessment) |
| P6 | Produce a design for a specified system requirement. |  |  |  |
| M3 | Explain any constraints on the system design. |  |  |  |
| D2 | Generate comprehensive design documentation independently. |  |  |  |

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| **General comments and feedback on English and maths**  This is for the overall comments and well dones.  This is for the comments on grammar, spelling and maths; what was done well and areas for improvement (– in line with the college marking strategy). |

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| ***Actual Grade*** | ***Grading criteria*** | *U6* | *P3* | *P4* | *U16* | *P1* | *M1* |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Achieved?*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Please note that the grade that you have been awarded is subject to confirmation following internal verification and external sampling by the Awarding Body.

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| I certify that the evidence submitted for this assignment - either via the VLE or other method - is the learner’s own. The learner has clearly referenced any sources used in the work. I understand that false declaration is a form of malpractice. |

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| Assessor signature: | Date marked: |