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| **ASSESSMENT BRIEF** | | | | | | | | | | |
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| **Component title and code**: Database Methods 5N0783 | | | | | | | | | | |
| **Subject teacher**: Pascale Wolfe | | | | | **Course Code**: SD5 | | | | | |
| **Assessment Technique**: Project | | | | | **Weighting**: 50% | | | | | |
| **Learning Outcome(s)**: | 1 | 2 | 3 | 9 | 10 | 11 |  |  |  |  |
| Design and implement a database  **Project brief**  You are required to complete a database project to show that you can apply what you have learned to a fictitious problem. The problem may be in a business context or in relation to an interest or hobby. You will also be asked to demonstrate your ability to design, implement and modify a database.  The database should contain at least two tables, one of which will have a minimum of 5 fields and a minimum of 25 records. The field types should consist of at least one character field, one numeric and one other (date/time, currency…). You will need to set at least one primary key.  You will need to include at least:   * Two tables, and establish a relationship between them * A well-designed form * Three relevant queries, one of which should use a logical operator (AND, OR, NOT) * Three appropriate reports, at least one of which with function(s). Each report should be sorted or grouped or both. * Labels with multiple fields   **Assessment criteria and marking**   1. **Moodle quiz (5 marks)** 2. **Design (20 marks)**  * Analyse the current system (describe the problem, propose a solution) * Describe the aim of your project * Specify the record structures, including field names, data type, field size * Identify primary key(s) and describe relationship * Specify queries and give purpose, table linked to, fields and conditions * Specify reports, including headings and contents * Specify labels * Design the screen layout for the form (draw a sketch)  1. **Implementation (20 marks)**  * Record structures with appropriate primary key created and screen shots produced * Relationship between tables established and screen shot produced * Data entry form created and screen shot produced * Data accurately entered into the two tables * Effective queries created * Reports with headings and calculation accurately produced * Labels with multiple fields accurately produced * Screenshots or pdf files of each table, query, report and labels  1. **Discussion of improving personal performance by using additional resources such as the help facility to solve familiar and unfamiliar database problems (5 marks)**   Upload all the relevant files to Moodle: explanation of design, database, screenshots and pdf files, scan of sketches…. As with all assignments, you are required to keep a soft version of your work. | | | | | | | | | | |

***This briefing document must be uploaded with the element of assessment***

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| **Learner name**: conor o toole | |
| **Date of issue**: 31/01/2022 | **Due date & time**: 14/03/2022, 5.30pm |

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| Authorship Statement | | Initial each section |
| I confirm that I have read and understood all policies and procedures regarding project and assignment submission, plagiarism etc as described in the Learner Handbook. | | **cot** |
| I confirm that I have retained a copy of this project/assignment for my own personal use and in the event of an additional copy being requested by the subject teacher or the college. | | **cot** |
| I hereby declare that all work included in this project/assignment except where referenced is entirely my own. All sources of information have been acknowledged by means of reference as required. | | **cot** |
| **Signed: conor o toole** | **Date:21/03/2022** | |