**Information Technology/Ultimo**

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| **Learner Number** | 807135473 | **Learner Name** | Alex Goulden |
| **Unit code** | ICTDBS504 | **Unit name and release number** | **Integrate database with a website** |

**Please note that TAFE NSW is required to retain copies of all completed assessments, where practical, for a *minimum* period of three (3) years (or in accordance with regulatory/licencing requirements) after the completion of a learner’s studies. *Refer to procedure to determine the retention period required.***

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| **Assessment Instructions** | **This is assessment event number** 1 **of** 2 events for this unit |
| **Assessment overview** | **Practical tasks with written report/evidence** |
| **Instructions for Written Assessment** | Write your name and ID on each page of this assessment task  Fill and sign submission cover sheet and declaration  Illustrate your reports with your own screenshots  Ensure your answers are in your own words  Add reference when necessary. |
| **Submission instructions** | Submit electronically |
| **What do I need to do to achieve a satisfactory result?** | To successfully complete this assessment event **all questions** must be answered correctly |
| **Due date** | Final printed version: Week 18 |
| **Assessment feedback, review or appeals** | Feedback must be provided to you no later than 10 days after all assessment activities have been conducted.  If you want a review of your results or if you have any concerns about your results, you can contact the teacher/assessor or your Head Teacher.  You have three weeks from the date you receive your results in which to make an appeal and/or request a review.  You should receive a response within ten days of the receipt of the request.  Teachers and their Head Teacher will address any appeal in accordance with [Assessment Guidelines for TAFE NSW.](https://staff.tafensw.edu.au/policies-procedures/student-administration/assessment-guidelines/) |

**Submission cover sheet**

**and declaration**

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| **Learner number:** | | **807135473** | **Learner name:** | | **Alex Goulden** | |
| **Unit code:** | | **ICTDBS504** | **Unit name:** | | **Integrate database with a website** | |
| **Assessment event number** | | **1 of 2** | **Assessment title** | | Project | |
| **Learner declaration** | | | | | | |
| This assignment is my original work and no part of it has been copied from any other source except where due acknowledgement is made.  No part of this assignment has been written for me by any other person except where such collaboration has been authorised by the assessor concerned.  I understand that plagiarism in the presentation of the work, idea or creation of another person as though it is your own. Plagiarism occurs when the origin of the material used is not appropriately cited. No part of this assignment is plagiarised.  I understand that TAFE NSW is required to retain copies of all my completed assessments, where practical, for a period of 3 years (or in accordance with regulatory/licencing requirements) after the completion of my studies | | | | | | |
| **Learner Signature:** |  | | | **Date**: | | 2/07/2020 |

ICTDBS504 Integrate database with a website

Tasks

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| Task 1 |
| Create a MySQL database (name: “testdb”) with a table “Categories” similar to Categories on <https://www.w3schools.com/sql/>  Write a PHP script that:   * Connects to the above database “testdb” * Displays the database server version and the current date.   *Submit the following:*   * *A MySQL script (text file) to:*   + *CREATE the table* ***Catagories.***   + *INSERT at least* ***5 rows*** *of data.*   **Creating categories table**  CREATE TABLE Categories(      ID INT AUTO\_INCREMENT NOT NULL PRIMARY KEY,      Name VARCHAR(255) NOT NULL,      Description VARCHAR(255) NOT NULL  )  **Inserting into Categories columns**  INSERT INTO categories(Name, Description)  VALUES ('Beverages','Soft drinks, coffees, teas, beers, and ales'),  ('Condiments','Sweet and savory sauces, relishes, spreads, and seasonings'),  ('Confections','Desserts, candies, and sweet breads'),  ('Dairy Products','Cheeses'),  ('Grains/Cereals','Breads, crackers, pasta, and cereal'),  ('Meat/Poultry','Prepared meats'),  ('Produce','Dried fruit and bean curd'),  ('Seafood','Seaweed and fish');   * *A PHP script (text file) to satisfy the above tasks.*   *testmysql.php*   * *A screenshot showing the outcome.* |

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| Task 2 |
| Create a MySQL database (name: “testdb”) with a table “Employees” as on <https://www.w3schools.com/sql/>  Write a PHP script that:   * Connects to the above database “testdb” * Displays all data from database table “Employees” in a row-by-row table format. Each employee record is displayed in a row. Link to an external CSS file to style the table format.   *Submit the following:*  *• A PHP script (text file) to satisfy the above tasks.*  *Index.php – styles.css*  *• A screenshot showing the outcome.* |

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| Task 3 |
| Create a MySQL database (name: “testdb”) with a table “employees” as on <https://www.w3schools.com/sql/>  Write a PHP script that:   * 1. [Insert] Display a form to allow users to add a new employee whose details are: LastName, FirstName, BirthDate, Photo, Notes. After clicking [add employee] button, the form refreshes the page and allows users to enter the next employee.        * 1. [Delete] Displays all data from table “employees” in a table format (same outcome as in task #2. At the end of each row of data, a [delete] button allows users to delete the employee record from the database table. After deleting, the page is refreshed with updated data from the database table.   Before:  After:     * 1. [Update] In addition to the [delete] button in question 3.3, add another [update] button which allows users to update details of a selected employee.         *Submit the following:*   * *Necessary PHP scripts (text files) to satisfy the above tasks.* * *Screenshots showing the outcomes.* |

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| Task 4 |
| For both the [insert] and [update] forms in the above section, implement validation controls:   1. LastName, FirstName, Photo and Notes contain alphanumeric characters only. 2. Date has correct format, that is: DD|MM|YY. 3. Any errors are captured for displayed gracefully.   *Submit the following:*   * *Necessary PHP scripts (text files) to satisfy the above tasks.* * *Screenshots showing the outcomes.*       Error:    Time:  Error:  entry unchanged |

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| Make sure you have written your name on each page of your submission before attaching the cover sheet and submitting to your teacher/assessor for marking |

**Assessment Feedback**

NOTE: This section must have the assessor signature and student signature to complete the feedback.

**Assessment Checklist**

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| Task 1 | ☐ Satisfactory | ☐ Unsatisfactory |
| Task 2 | ☐ Satisfactory | ☐ Unsatisfactory |
| Task 3 | ☐ Satisfactory | ☐ Unsatisfactory |
| Task 4 | ☐ Satisfactory | ☐ Unsatisfactory |

**Assessment outcome**

☐ Satisfactory

☐ Unsatisfactory

**Assessor Feedback**

☐ Was the assessment event successfully completed?

☐ If no, was the resubmission/re-assessment successfully completed?

☐ Was reasonable adjustment in place for this assessment event?

If yes, ensure it is detailed on the assessment document.

**Assessor name, signature and date:**

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**Student acknowledgement of assessment outcome**

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| Would you like to make any comments about this assessment? |

**Student name, signature and date**

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NOTE: Make sure you have written your name at the bottom of each page of your

submission before attaching the cover sheet and submitting to your assessor for marking.