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| **PRACTICAL ASSESSMENT** |

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| **Student Name:** | | |  | | | **Student Number:** | | |  |
| **Unit Code/s & Name/s:** | | | ICTDBS504: Integrate database with website | | | | | | |
| **Assessment Description:** | | | Practical Assessment | | | | | | |
| **Assessment Due Date:** | | |  | | **Assessment Received Date:** | | |  | |
| **Student Declaration:** I declare that this assessment is my own work. Any ideas and comments made by other people have been acknowledged as references. I understand that if this statement is found to be false, it will be regarded as misconduct and will be subject to disciplinary action as outlined in the TAFE Queensland Student Rules. I understand that emailing or submitting this assessment electronically confirms my assent to this declaration in lieu of a written signature. | | | | | | | | | |
| **Student Signature:** | |  | | | | **Date: / /** | | | |
| **Assessor Feedback:**  ☐ **Student provided with feedback** | | | | | | | | | |
| **Attempt 1 Satisfactory ☐ Not Satisfactory ☐ Date:      /     /** | | | | | | | | | |
| **Attempt 2 Satisfactory ☐ Not Satisfactory ☐ Date:      /     /** | | | | | | | | | |
| **Assessor Name:** | D. Batchelor | | | **Assessor Signature:** | | |  | | |
| **Note to assessor: Please record any adjustment below that has occurred to this assessment e.g. Oral questions were used to support student’s ability to complete tasks identified.** | | | | | | | | | |
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| **Disclaimer:** TAFE Queensland North (TQN) is collecting the information on this form for assessment purposes. Only authorised Departmental officers have access to this information. Your personal information will not be disclosed to any other third party without your consent, unless authorised or required by law, in accordance with the Information Privacy Act 2009. | | | | | | | | | |

**This section must be completed by the student when the student either posts or hands a completed assessment/assignment to customer service centres. a receipt is only issued for face to face assessments when requested by the student.**

• **RECEIPT**

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| STUDENT TO COMPLETE |  | OFFICE USE ONLY |
| Unit of competency code/s:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |
| Assessment item/No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | Date received: / / |
| Student’s name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |

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| **Instructions to Student:** | **Time allowed:** This assessment is to be completed over the semester.  **Materials and equipment to be supplied by the Student:**   * Access to a PC, Web Authoring Tools, web server and hosting.   **General Instructions:**   * Review technical specification of project * You have 3 tasks to complete. * You will need to answer **all** questions correctly * Keep a copy of all assessments as you will be required, to submit them as a GITHUB repo to your teacher.   NOTE: If you are not successful on your first attempt, you will be given comments and a further two weeks to rectify the changes.  You will need to re-submit your corrections for remarking. If you are unsuccessful on your second attempt, you will be required to re-enrol in this unit. |
| **Instructions to Assessor:** | Please see Instructions to Student above. |
| **Assessment Context and Description: (if required)** | In order to gain competency in ICTDBS504: Integrate database with website, successful completion is required of the following assessments items:   * Practical Assessment |
| **Note to Student:** | An Assessment Matrix is available from your teacher upon request. The matrix shows how the knowledge and skills that you are being asked to demonstrate align to the Elements, Performance Criteria, Critical Aspects, Required Skills and Required Knowledge components of each Unit of Competency. |

**Project**

You should create a new repo called '**assessment1\_sem2\_yourname** in GITHUB account and save all files in this folder. You should create sub folders as necessary.

**Technical Specifications**

You are required to create an address book web application that stores contact details (First name, last name, phone numbers, email address, Facebook profile) of a user’s contacts.

The web application should have:

* A secure login
* The ability to add contacts.
* The facility to look up contacts by last name
* The ability to update and delete contacts
* Data validation that checks user's input;
* A user friendly GUI.

## Task 1

You are required to:

* Identify the data needs of the web application, and outline the following information:
* What data needs to be submitted to the application’s database through the GUI?
* What data needs to be retrieved by the application for display in the GUI?
* Explain how the following programming concepts will be utilised in this web application:
* Authentication and security.
* HTTP.
* Session management.
* stateless/stateful programming.

## Task 2 - Develop the application

You are required to develop the web application utilising phpmyadmin, HTML, CSS and PHP.

## Task 3 - Write a short brief on your web application

You are required to write a short report on your web application of no more than 5 pages (including screen shots). The report is to cover:

* The web application's functionality.
* The database structure; and
* The php/SQL code you used to interact with the database;

The report is to include screenshots of the GUI and screen shots of the above points.

## You will need to submit

The following should be included in your GITHUB repo (please ensure that there are no additional files):

* Answers to task 1
* Completed web application
* Web application report

## How do I submit my project?

* Ensure that your folder is named correctly and contains only the files associated with your project
* Ensure all files are named appropriately
* Push you final assessment to your GITHUB repo and notify the teacher once complete for marking.
* Submit this assessment sheet with your name, student number, date submitted and signed.

**End of assessment**