Assessment Task – General

National Unit Details			
Code(s)	ICTDBS403 ICTDBS502	**Title(s)**	Create Basic Databases Design a Database
Assessment Number	4	**Assessment Title**	Assessment 4

Section 1 – General Assessment Information	
Decision Making Rules	Every task must be completed satisfactorily to be assessed as competent in the unit. ** For graded units, competence must be demonstrated before a mark can be given.*
Reasonable Adjustment	Students may request reasonable adjustment for assessment tasks. Reasonable adjustment usually involves varying: ▪ the processes for conducting the assessment (eg: allowing additional time, varying the venue) ▪ the evidence gathering techniques (eg: oral rather than written questioning, use of a scribe, modifications to equipment) However, the evidence collected must allow the student to demonstrate all requirements of the unit.
Special Consideration	Students can apply for Special Consideration where personal circumstances have adversely affected their task result or ability to undertake an assessment. A Special Consideration form can be completed prior to, but no later than 3 days after, the date of the assessment and submitted to the relevant Manager.
Re-submission *(where tasks are not satisfactorily completed)*	Assessment tasks that are not satisfactory can be resubmitted up until the end of the unit as scheduled on the Unit Outline. The timing on this may depend on the equipment required for this assessment task. **NOTE**: Assessment tasks submitted for the first time after the end of the unit as scheduled on the Unit Outline will not be assessed and student should be told to re-enrol in the unit.
Plagiarism	There are serious penalties for plagiarism. Students must ensure that all assessments are their own work (or group work). Please refer to https://www.swinburne.edu.au/current-students/manage-course/exams-results-assessment/plagiarism-academic-integrity/

Department Details	Author:	Date created:	Date last updated:	File name: DAD_Theory_Test_Instructions.docx		Version:
Template Details	Author: VE Quality and Policy	Date created: 05 October 2016	Date last updated: 27 April 2017	Location: VE Staff Wiki/Quality/Quality Life Cycle/Plan	Version: 1	Page 1 of 4

Assessment Task – General

National Unit Details

Code(s)	ICTDBS403 ICTDBS502	Title(s)	Create Basic Databases Design a Database
Assessment Number	4	**Assessment Title**	Assessment 4

Section 2 – Student and Assessor Instructions

Conditions	*This assessment is:* - *Open book* - *Individual* *You will need access to:* *Computer with MS Office* *Internet connectivity*
Task Overview and/or Description	a. Download DAD_Theory_Test_Template.docx b. Provide a written response to each of the following questions as outlined in the template: Questions: ## Backup & Security 1. What is the difference between a Media Failure and a System Failure? 2. What is the most common form of database backup? 3. What is the performance impact of performing a database dump? 4. What are the most common Database Security issues? 5. Explain the principle of least privilege. 6. List 3 of the recommended guidelines for password creation. 7. If you are building an application that required users to have a password, what should be done to those passwords before they are stored in the database? ## General Theory 8. Outline the principles of open platforms, including browsers and databases 9. List the processes associated with the creation of entities, attributes, and in populating fields, using both software solutions and script- based input 10. Describe data-modelling techniques to design a database 11. Outline the steps in database design, modelling and implementation 12. Describe the internet operation related to web servers and clients 13. Identify the naming conventions appropriate to database design 14. Identify security restrictions on servers, incorporating some theoretical concepts 15. Describe best practice communication, and accessibility, for audiences with special needs. 16. Explain the process of data analysis, particularly in determining data types and data structures, query and report design 17. Describe the data modelling related to developing the conceptual data model 18. Explain how data redundancy is identified 19. Describe database management system (DBMS) fundamentals, particularly during the design phase 20. Outline the functions and features of data types, and data structures 21. Describe the functions, and features, of databases 22. Describe logical design concepts, particularly those related to designing data structures, queries screens and reports

Assessment Task – General

National Unit Details

Code(s)	ICTDBS403 ICTDBS502	Title(s)	Create Basic Databases Design a Database
Assessment Number	4	**Assessment Title**	Assessment 4

Section 2 – Student and Assessor Instructions

How the Assessment will be Conducted	*You will be provided with* - DAD_Theory_Test_Template.docx
Submission Details	*Your will be required to submit a document based on the provided template which includes your responses to the questions in the template.*

Assessment Task – General

National Unit Details

Code(s)	ICTDBS403 ICTDBS502	Title(s)	Create Basic Databases Design a Database
Assessment Number	4	Assessment Title	Assessment 4

Section 3 – Assessment Criteria (Evidence to be Provided by the Student)

The evidence you must provide is a document submitted on the Swinburne LMS

The document must be based on the provided template and include responses to all of the questions asked.

Notes for the teacher

List in the Required Evidence column below all aspects of the task that are required to be demonstrated by the student for satisfactory completion of the task.

Ensure that it is very clear to the student the evidence they are being asked to provide. This should also ensure that different assessors would give a similar result when assessing the evidence of a student. Depending on the assessment task, the evidence listed may be a repeat of the Task Overview and/or Description but more often it is a clear list of only what is being assessed.

There must be room for Student Feedback in required evidence section.

* For graded units, ensure the marks allocated to each requirement are not too broad a range. You could use a rubric in Bb.

Please note: A suggestion for graded tasks is to list the required evidence to be assessed as Satisfactory, Unsatisfactory, Not submitted. Once the student has satisfactorily completed all required evidence, allocate the marks using a rubric.

Marking Guide

	Required Evidence	Satisfactory	Not Submitted	Unsatisfactory
1	Document Submitted			

If the unit is graded, add rubric or how marks allocated here.

Feedback to Student

Task Result	☐ **Satisfactory**	☐ **Unsatisfactory**	

	Name	Signature	Date
Assessor			

Department Details	Author:	Date created:	Date last updated:	File name: DAD_Theory_Test_Instructions.docx		Version:
Template Details	Author: VE Quality and Policy	Date created: 05 October 2016	Date last updated: 27 April 2017	Location: VE Staff Wiki/Quality/Quality Life Cycle/Plan	Version: 1	Page 4 of 4