

National Unit Details			
Code(s)	ICTDBS403 ICTDBS502	Title(s)	Create Basic Databases Design a Database
Assessment Number	1	Assessment Title	Assessment 1 – Challenge 1

Section 1 – General Assessment Information	
Decision Making Rules	<p>Every task must be completed satisfactorily to be assessed as competent in the unit.</p> <p><i>* For graded units, competence must be demonstrated before a mark can be given.</i></p>
Reasonable Adjustment	<p>Students may request reasonable adjustment for assessment tasks. Reasonable adjustment usually involves varying:</p> <ul style="list-style-type: none"> 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) <p>However, the evidence collected must allow the student to demonstrate all requirements of the unit.</p>
Special Consideration	<p>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.</p>
Re-submission (where tasks are not satisfactorily completed)	<p>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.</p> <p>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.</p>
Plagiarism	<p>There are serious penalties for plagiarism. Students must ensure that all assessments are their own work (or group work).</p> <p>Please refer to https://www.swinburne.edu.au/current-students/manage-course/exams-results-assessment/plagiarism-academic-integrity/</p>

National Unit Details			
Code(s)	ICTDBS403 ICTDBS502	Title(s)	Create Basic Databases Design a Database
Assessment Number	1	Assessment Title	Assessment 1 – Challenge 1

Section 2 – Student and Assessor Instructions	
Conditions	<p><i>This assessment is comprised of</i></p> <p><i>Part A is:</i></p> <ul style="list-style-type: none"> - a series of practical activities - to be completed both in class and at home - not time limited - to be individual work - is required prior to undertaking Part B <p><i>Part B is:</i></p> <ul style="list-style-type: none"> - a series of practical activities - to be completed only in class in workplace like conditions - time boxed - to be individual work <p><i>You will need access to:</i></p> <ul style="list-style-type: none"> - PC with Internet Access - Blackboard - MS Access
Task Overview and/or Description	<p><i>You will be provided with the required artefacts and detailed instructions for each part of the assessment</i></p> <p><i>Following the provided instructions you will need to demonstrate the following learning outcomes:</i></p> <ul style="list-style-type: none"> - Determine the information that the database is required to hold - Complete the documentation, and submit it to the appropriate person for approval - Populate the database fields - Ensure that the information represented matches the requirements - Research client requirements for a database solution - Analyse the results of a user-needs analysis to identify technical requirements - Identify the attributes and determine the data types - Undertake the normalisation of attributes - Document attributes and normalised data - Confirm primary and foreign keys for tables - Design and create indexes - Design the user interface for database, including menus, input screens and outputs - Design queries, based on requirements - Design output reports, based on requirements - Compare the physical design with the conceptual model, or user-needs analysis - Review the business security plan as a basis for commencing the access and security design - Develop client access profiles using the client business model - Identify multiple-user requirements - Identify the database backup and recovery requirements - Develop and document the database backup and restore procedures - design database elements including: structure, indexes, queries. Screens, reports - design secure access to the database
How the Assessment will be Conducted	<p><i>You will be provided with</i></p> <p><i>Part A:</i></p> <ul style="list-style-type: none"> - Detailed Instructions - Sample Data as required - Submission Template Document <p><i>Part B:</i></p> <ul style="list-style-type: none"> - Detailed Instructions - Sample Data as required - Submission Template Document - User Needs Analysis document - Business Security Plan document

National Unit Details			
Code(s)	ICTDBS403 ICTDBS502	Title(s)	Create Basic Databases Design a Database
Assessment Number	1	Assessment Title	Assessment 1 – Challenge 1

Section 2 – Student and Assessor Instructions

Submission Details	<p><i>As you work through each part of the assessment, the detailed instructions provided to you will at key points instruct you to put screen captures or other copies of your work into the provided submission document.</i></p> <p><i>When you have completed the assessment you will print the completed submission document to .pdf format and upload it to blackboard in the provided assessment shell.</i></p>
---------------------------	--

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

You assessment must provide evidence of your ability to competently do the following:

- Determine the information that the database is required to hold
- Complete the documentation, and submit it to the appropriate person for approval
- Populate the database fields
- Ensure that the information represented matches the requirements
- Research client requirements for a database solution
- Analyse the results of a user-needs analysis to identify technical requirements
- Identify the attributes and determine the data types
- Undertake the normalisation of attributes
- Document attributes and normalised data
- Confirm primary and foreign keys for tables
- Design and create indexes
- Design the user interface for database, including menus, input screens and outputs
- Design queries, based on requirements
- Design output reports, based on requirements
- Compare the physical design with the conceptual model, or user-needs analysis
- Review the business security plan as a basis for commencing the access and security design
- Develop client access profiles using the client business model
- Identify multiple-user requirements
- Identify the database backup and recovery requirements
- Develop and document the database backup and restore procedures
- design database elements including: structure, indexes, queries. Screens, reports
- design secure access to the database

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.

National Unit Details			
Code(s)	ICTDBS403 ICTDBS502	Title(s)	Create Basic Databases Design a Database
Assessment Number	1	Assessment Title	Assessment 1 – Challenge 1

Marking Guide				
Required Evidence		Satisfactory	Not Submitted	Unsatisfactory
1	Completed Submission Template			

Feedback to Student				
Task Result	<input type="checkbox"/>	Satisfactory	<input type="checkbox"/>	Unsatisfactory

	Name	Signature	Date
Assessor			