Assessment Task – General

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: Design_Normalise_Challenge_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 5

Assessment Task – General

National Unit Details

Code(s)	ICTDBS403 ICTDBS502 ICTWEB425	Title(s)	Create Basic Databases Design a Database Apply SQL to extract and manipulate data
Assessment Number	x	**Assessment Title**	Design & Normalise Challenge

Section 2 – Student and Assessor Instructions

Conditions	*This assessment is:* - *Open book* - *Individual* *You will need access to:* *Computer with MS Office* *Access to Microsoft Azure and the ability to start an SQL Server database on that service.*
Task Overview and/or Description	**Download the following files/documents:** • Design_Normalise_Challenge_Business_Narrative.docx • Design_Normalise_Challenge_Sample_Data.xlxs • Design_Normalise_Challenge_Report_Template.docx • Design_Normalise_Challenge_Sumission_Template.docx • **Task 1** Analyse the provided business narrative and write a list of 3 – 5 questions you would ask the client to clarify requirements. Add these questions to your **SUBMISSION** template **Task 2** When you have completed task 1, 'interview' (i.e. ask your questions) your teacher / assessor and record a summary of their responses in your **SUBMISSION** template. **Task 3** Based on your analysis of the business narrative and the responses to your questions, Conduct a user needs analysis, and list the database functional requirements you identify in the **REPORT** template. **Task 4** Based on the functional requirements above, identify the technical requirements and add them to the **REPORT** template. **Task 5** Based on the provided business narrative and your responses to tasks 1 - 4, create an ERD. Make sure you clearly indicate strong and weak entities, attributes, relationships (with cardinality and participation) and identifiers. • The ERD must be drawn using a drawing package such as **draw.io** • Do **not** introduce any surrogate keys into your solution. • Add a printout / screenshot of the completed ERD in the **REPORT** template

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Task 6

Part A:

- Normalise the sample data provided to 1NF
- *Add you're a screen shot of your 1NF data to the **SUBMISSION** template.*

Part B:

- Normalise the sample data provided to 2NF
- *Add you're a screen shot of your 2NF data to the **SUBMISSION** template.*

Part C:

- Normalise the sample data provided to 3NF
- *Add you're a screen shot of your 3NF data to the **SUBMISSION** template.*

Task 7

Compare your ERD to your Normalised data and where you find discrepancies reconcile them.

Make a note of each of the discrepancies you identify, and the action you take to rectify it in your **SUBMISSION** template.

Task 8

Convert the ERD to a Relational Schema

Add the relational schema in the **REPORT** template.

Task 9

Create a Data Dictionary documenting the datatypes, constraints and any other relevant notes on the fields represented in your relational schema.

*Add your data dictionary (or a screen shot of it) to the provided **REPORT** template.*

Task 10

Ask your teacher / assessor for some feedback on your report, and then:

1. Record the feedback given in your SUBMISSION template

2. Amend the report to incorporate the feedback

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	*** Before submitting ensure you:* a) *add your name and student number to the top of the SUBMISSION template* b) *Add your name and student number the cover page of the REPORT template* c) *Update the table of contents in the REPORT template* **Submit your completed SUBMISSION AND REPORT templates on the Swinburne LMS**
How the Assessment will be Conducted	*You will be provided with* • Design_Normalise_Challenge_Business_Narrative.docx • Design_Normalise_Challenge_Sample_Data.xlxs • Design_Normalise_Challenge_Report_Template.docx • Design_Normalise_Challenge_Sumission_Template.docx
Submission Details	*Your will be required to submit 2 documents:* 1. *The completed **SUBMISSION** template* 2. *The completed **REPORT** template.*

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 documents must be based on the provided templates and include responses to all tasks / questions.

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	Challenge Completed			

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Marking Guide

Required Evidence	Satisfactory	Not Submitted	Unsatisfactory
If the unit is graded, add rubric or how marks allocated here.			

Feedback to Student

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

	Name	**Signature**	**Date**
Assessor			