

Assessment Marking Criteria

ICTDBS507_AT2_MC_TQM_v1.docx



Student Name		Student Number	
Unit Code/s & Name/s	ICTDBS507 Integrate databases with websites		
Cluster Name <i>If applicable</i>	N/A		
Assessment Type	<input type="checkbox"/> Assignment <input type="checkbox"/> Project <input type="checkbox"/> Case Study <input checked="" type="checkbox"/> Portfolio <input type="checkbox"/> Third Party Report (Workplace) <input type="checkbox"/> Third Party Report (Peer) <input type="checkbox"/> Other		
Assessment Name	Database Integration Portfolio	Assessment Task No.	1 of 2
Assessment Due Date		Date Submitted	/ /
Assessor Feedback:			
<div> <div>Attempt 1</div> <div> Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/> </div> <div>Date</div> <div>/ /</div> </div>			
Assessor Name		Assessor Signature	
<input type="checkbox"/> Student provided with feedback and reassessment arrangements <i>(check box when completed)</i>		Date scheduled for reassessment	/ /
<div> <div>Attempt 2</div> <div> Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/> </div> <div>Date</div> <div>/ /</div> </div>			
Assessor Name		Assessor Signature	
Note to Assessor: Please record below any reasonable adjustment that has occurred during this assessment e.g. written assessment given orally.			

Assessment Criteria / Benchmarks <i>The evidence submitted demonstrates that the student has satisfactorily:</i>		Attempt 1		Attempt 2	
		Date _/_/___		Date _/_/___	
		Y	N	Y	N
Part 1: Analyse and Plan					
1.1	A summary has been provided that includes relevant detail from the scenario and organisational requirements, demonstrating an understanding of the requirements of the integration project.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.2	An integration plan has been developed that includes the following detail:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	a) Existing data to be integrated into the project	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	b) How the user will interact with the database	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	c) Purpose and outcomes of the project	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	d) Tools and technologies that will be used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	e) Technical upgrades to hardware, software or systems required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	f) Process of integrating existing data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	g) Process of testing and verifying project requirements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	h) Validation and Sanitisation of data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.3	Created an email to the manager (or teacher) requesting a meeting to review the Developed integration plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.4	Attended a review meeting with their manager (or teacher), in which the Integration plan was discussed, with the project requirements and integration plan clearly articulated.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.5	Recorded feedback from a review meeting is recorded and presented in a technical report, reflecting the feedback provided in the meeting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.6	Created a requirements checklist for the integration project	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Part 2: Database Integration					
2.1	Defined and configured the connection between a database and website	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2.2	Created structure and methods required to allow for performing all CRUD (Create, Read, Update, Delete) methods at least once on a database from a website or web application using a Structure Query Language.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.3	Migrated existing data into the new database system as per the integration plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Part 3: User Interface Integration					
3.1	Connected and tested the methods responsible for retrieving and displaying database contents in a website	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.2	Connected and tested the methods responsible for manipulating database contents in a website including the following:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a)	Deleting data on at least one occasion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b)	Creating data on at least one occasion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c)	Modifying data on at least one occasion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.3	Performed required modifications to a user interface to ensure all data is formatted as per the scenario and organisational requirements, providing a description of changes made in a technical report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.4	Added validation and sanitisation to all user inputs, ensuring no data entered into the application can reach the database without validation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.5	Tested the project to ensure all of the requirements have been met, including the use of two different browsers. Results and a summary of this testing have been provided	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Part 4: Review					
4.1	Described 2 Database tools, including the pros and cons, that could be used in this or similar web-based projects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.2	Described the differences in the implementation of the integration project if NoSQL was used in place of SQL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.3	Described the effects of statelessness in the integration project, including any steps taken to work with the statelessness of the application	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.4	Described the role of session management in the application, or the role that session management could have played in a web based database integration project	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.5	Described an issue encountered in the integration project, including the process used to solve the issue	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>