





















CSC72001 Assessment 2 – Practical Skills Guide

Assessment 2 - Practical Skills

Build Content	Assessments	Tools
	Rubric for Assessment 2  Enabled: Statistics Tracking Attached Files:  CSC72001-2020-3- Database Systems Rubric_A2.pdf  (126.358 KB) Rubric for Assessment 2.	A
	Assessment 2 Details  Enabled: Statistics Tracking Attached Files:  CSC72001_2020_S3_Assessment2.pdf  (519.258 KB) Guidelines and details on Assessment 2	B
	Analyst provided ERD  Enabled: Statistics Tracking Attached Files:  CSC72001_2020_S3_Assessment2_ERD.pdf  (68.812 KB) This the ER Diagram for the assignment, use the diagram to build your database.	C
	Client provided sample data  Enabled: Statistics Tracking Attached Files:  CSC72001_2020_S3_Assessment2_SampleData.xlsx  (36.048 KB) This is a sample data provided by the client, but you will be required to add more to your assignment. Use this data to refer to the content and format.	D
	Report template  Enabled: Statistics Tracking Attached Files:  CSC72001_2020_S3_Assessment2_Report_Template.docx  (207.129 KB)	E

1. Report

- Use **Report template** (label **E** above)
- Rename to **username_A2.docx**, example: eyuwon10_A2.docx
- Fill the cover sheet (page 1)
 - Also, type your name and date below the Declaration
- Page 2 – replace <Insert your name> with YOUR full name
- Part A (starting in page 5)
 - add the business rules (rule 1-4) based on **A.2.1-4** in the **Assessment 2 Details** (label **B** above), NOT copy pasted
 - add any assumptions that you've made (These should not change anything that was specified in the provided ERD)
 - add your naming conventions (example: uppercase, Pascal Case, etc.)
 - Table names
 - Field names
 - Constraint names
 - add the data type chosen for each table (NOT screenshots/copy pastes from Infotech), use the sample table provided for each

- f. Part B – query instructions in **B.6 of Assessment 2 Details** (label **B** above)
- Type your query for each query (must be available for copying)
 - Screenshot your result (if many results, just the first set of results)

Sample:

```
SELECT FirstName, LastName, Email
FROM `CUSTOMER`
WHERE `State` LIKE 'A%'
LIMIT 0, 50
```

1 Show all > >> Show : Start row: 50 Number of rows

Sort by key: None

+ Options

FirstName	LastName	Email
Scott	Burns	ipsum.primis@tempuslorem.com
Dakota	Knox	erat.vitae@ligula.edu
Tanek	Fernandez	malesuada.ut@enimnonnisi.edu
Quamar	Mullen	accumsan@Quisque.com
Isabelle	Bullock	odio@eterosProin.org
Ayanna	Mccullough	enim@Fuscealiquamenim.org
Hayley	Hodge	molestie@Pellentesque.edu
Julie	Lee	mi.ac.mattis@sodalesat.ca
Athena	Small	non@Loremipsumdolor.org
Zena	Bonner	ac.feugiat.non@loremegetmollis.org
Kato	Blevins	nibh@nuncullamcorpereu.ca
Warren	Gonzales	egestas@arcu.edu
Kimberley	Ordan	tincidunt@facilisisanet.com

2. MySQL Database – Infotech

- Create database with the name: usernameA2, example: eyuwon10A2
- Create all the tables according to **Analyst Provided ERD** (label **C** above) and data types as provided in **Part A no. 4 of the Report**
 - Including the relationships
- Add the data, must be valid (similar to real use data)
 - You can use the sample data provided in **Client provided sample data** (label **D** above), may need to adjust these data for your database
 - At least 3 sample data must be provided in each table, see **Rubric for Assessment 2** (label **A** above)
 - Data must be sufficient to produce 5-10 results in each query

3. Export SQL script

- Use Custom option
- Tick the Ass CRATE DATABASE / USE statement

Object creation options

Add statements:

- ☒ Add CREATE DATABASE / USE statement
- ☐ Add DROP TABLE / VIEW / PROCEDURE / FUNCTION / EVENT statement
- ☒ Add CREATE PROCEDURE / FUNCTION / EVENT statement
- ☒ CREATE TABLE options:
- ☒ IF NOT EXISTS
- ☒ AUTO_INCREMENT

☒ Enclose table and column names with backquotes (Protects column and table names formed with special characters or keywords)

4. Submission

- a. Check **Rubric for Assessment 2** (label **A** above), in case you missed anything
- b. Files to submit
 - i. Report file
 - ii. Exported SQL script