Name	Assessment 2. Database Development
Description	
Rubric Detail	

Levels of Achievement

Criteria	Excellent	Good	OK	Poor	Fail
Report - Explanations of Design Decisions	**2 Points** Comprehensive explanations of business rules, assumptions made, naming conventions and data types chosen. No business rules in report that are on ERD.	**1.5 Points** Good attempt at explanations. Some minor missing information.	**1 Points** Adequate explanations of design decisions present.	**0.5 Points** Poor explanations of design decisions.	**0 Points** Explanations of design decisions missing or unrelated information presented.
Database - Creation	**1 Points** Correctly named database, logically named tables created	**0.75 Points** Correctly named database, some minor errors in table naming/creation.	**0.5 Points** Incorrectly named database or poorly named tables, otherwise ok	**0.25 Points** Database created but tables missing/badly named and incorrectly named database.	**0 Points** Misnamed and/or 1 or 2 tables and/or badly named tables and/or no database and/or no tables.
Database - Keys	**2 Points** All keys created with appropriate data types, surrogate keys created where necessary, keys related correctly and referential integrity set correctly.	**1.5 Points** Some minor errors in data types for keys or creation of surrogate keys. relations or referential integrity.	**1 Points** Errors in data types for keys. No creation of surrogate keys or relations incorrect or referential integrity not set.	**0.5 Points** Errors in data types for keys and no creation of surrogate keys and relations incorrect or referential integrity not set	**0 Points** No keys set within tables.

Help

Levels of Achievement

Criteria	Excellent	Good	OK	Poor	Fail
Database - Attributes	**2 Points** <mark>All column attributes with appropriate names, data types and lengths chosen.</mark> Naming conventions are consistent and self-documenting.	**1.5 Points** Minor errors in naming, data types or lengths chosen.	**1 Points** Appropriate attributes but some problems with data types / lengths chosen which will make db less efficient.	**0.5 Points** Errors in attribute choice or data types that will lead to problems in database functioning.	**0 Points** No additional attributes given (apart from keys and basic attributes)
Provision of Sample Data	**1 Points** Realistic, valid data provided to allow at least 10 rows in all query results.	**0.75 Points** Valid data provided, some minor errors or more data needed (particularly in association tables).	**0.5 Points** Some sample data provided but errors mean query results will be inadequate.	**0.25 Points** Some sample data present but not suitable data for testing. For example, data is mostly repeated.	**0 Points** Less than 3 lines of sample data provided in each table.
Export Script	**1 Points** Correct creation of export script for creation of database and data.	**0.75 Points** Export script with table/data export only (no database creation)	**0.5 Points** Export script with no table definitions or no data	**0.25 Points** Script created but includes incorrect code	**0 Points** No script supplied, or code provided is not SQL.
Report - Proof of Testing	**1 Points** <mark>All queries tested and screen dumps of result sets</mark> are provided. <mark>Queries clearly</mark> identified as part of the report.	**0.75 Points** Minor errors in testing.	**0.5 Points** Incomplete evidence of testing, but some testing provided.	**0.25 Points** One test proof provided.	**0 Points** No proof of testing supplied.

Help

Levels of Achievement

Criteria	Excellent	Good	OK	Poor	Fail
SQL Query 1	**1 Points** All columns displayed as requested, sorted in correct order. Query tables related correctly. No rows duplicated incorrectly. Must be restricted to S1 2015.	**0.75 Points** All columns displayed as requested. Query tables mostly related correctly. Minor error or not sorted in correct order.	**0.5 Points** Some missing columns or Query tables not related correctly or not sorted in correct order.	**0.25 Points** Some missing columns and Query tables not related correctly and not sorted in correct order.	**0 Points** No query supplied, or code provided is not SQL.
SQL Query 2	**1 Points** All columns displayed as requested, sorted in correct order. Query tables created related correctly. No rows duplicated incorrectly. Student count correctly calculated and displayed.	**0.75 Points** All columns displayed as requested, sorted in correct order. Query tables related correctly. Student count not displayed or incorrect.	**0.5 Points** Some missing columns or tables not related correctly or not sorted in correct order. Student count not displayed or incorrect.	**0.25 Points** Some missing columns or tables not related correctly and not sorted in correct order. Student count not displayed or incorrect.	**0 Points** No query supplied, or code provided is not SQL.
SQL Query 3	**1 Points** All columns displayed as requested, sorted in correct order. Query tables related correctly. No rows duplicated incorrectly.	**0.75 Points** All columns displayed as requested. Query tables mostly related correctly. Minor error or not sorted in correct order.	**0.5 Points** Some missing columns or Query tables not related correctly or not sorted in correct order.	**0.25 Points** Some missing columns or Query tables not related correctly and not sorted in correct order.	**0 Points** No query supplied, or code provided is not SQL.

Help

Criteria	Excellent	Good	OK	Poor	Fail
SQL Query 4	**2 Points** All columns displayed as requested, sorted in correct order. Query tables related correctly. No rows duplicated incorrectly. Sum of student marks correctly calculated and displayed.	**1.5 Points** All columns displayed as requested, sorted in correct order. Query tables related correctly. Sum of student marks not displayed or incorrect.	**1 Points** Some missing columns or tables not related correctly or not sorted in correct order. Sum of student marks not displayed or incorrect.	**0.5 Points** Some missing columns or tables not related correctly and not sorted in correct order. Sum of student marks not displayed or incorrect.	**0 Points** No query supplied, or code provided is not SQL.

Help

View Associated Items

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