Assessment for CMP2806M Scalable Database Systems

Criterion Reference Grid (CRG)

This assessment is worth 50% of the total module marks available. Your assignment will be marked using the following, **weighted**, criteria:

Criteria	LO	Weight	Third	2.2	2.1	First
Database design: Requirements 1 to 3	1	10%	Basic database design and implementation. Requirements 1 to 3 are minimally considered, or some are not considered.	Database design and implementation are well considered with proper discussions in the report on key design issues. Requirements 1 to 3 are properly considered.	Database design and implementation are well considered with extensive discussions in the report on key design issues. Requirements 1 to 3 are properly considered. Database design goes beyond minimum requirements. Database design conforms to industry standards such as UML design principles or other frameworks.	As in 2.1 with further reflections on how the database could be: 1. Scaled up 2. Made more secure.
4 SQL queries: Requirements 4 and all its sub sections. Each 10%	2	40%	All or some of the queries are implemented in a basic or minimalist way. Outputs of queries are not evident or are partially evident and do not fully function as expected.	All queries are implemented with additional considerations and simple features are built into the queries. Output data is convincing and easy to comprehend.	As in 2.2 with additional advanced features implemented into the syntax of the queries to produce better output results. You make use of comments, and your code is well presented.	As in 2.1 with nested and more complex queries (e.g. use of logic operators)

Two Procedures	1, 2, and 3	20%	Very basic implementation for one or two Procedures	Adequate implementation but using relatively simple features.	More advanced Procedure designs are considered.	As in 2.1 including implementations of nested or embedded procedures.
Report documentation: Requirement 6 and all its sub sections	All	30%	Very basic report with little structure and depth. Diagrams are very basic and do not make use of proper conventions.	Structured report with meaningful content explaining decisions and design considerations. Very good ER Diagrams are drawn using standard conventions.	As in 2.2 including properly listed and explained outputs in terms of the nature of the queries they relate to, i.e. why a particular output is what it is expected.	As in 2.1 with further technological tools and platforms discussed in relation to scalability and security, etc.