SIT103 Assignment 2 - Rubric

A: Business Rules (15 marks)	**Unsuccessful (0)**	**Poor (4)**	**Good (8)**	**Very Good (12)**	**Excellent (15)**
A dotted list that covers all business rules applied to the assignment scenario. (Avoid using a long paragraph for each business rule)	Business rules missing or unacceptable.	- Major business rules are missed. - Some business rules do not clearly/correctly identifies the entities and the multiplicity of the entity relationship.	- A dotted list covers some business rules. - Some business rules do not clearly/correctly identifies the entities and the multiplicity of the entity relationship.	- A dotted list covers most business rules. - Each business rule correctly identifies the entities and the multiplicity of the entity relationship.	- A dotted list of business rules is complete. - Each business rule correctly identifies the entities and the multiplicity of the entity relationship.
B: E-R Diagram (30 marks)	**Unsuccessful (0)**	**Poor (5)**	**Good (15)**	**Very Good (25)**	**Excellent (30)**
One ER diagram of the database design, which is based on the business rules.	E-R diagram missing or unacceptable.	E-R diagram labels SOME entities, but the notations are unclear with major problems about entity attributes, primary and foreign keys, relationship, or connectivity.	E-R diagram clearly labels SOME entities, but with some problems about entity attributes, primary and foreign keys, relationship, or connectivity.	E-R diagram clearly and correctly labels MOST entities, entity attributes, primary and foreign keys, relationship and connectivity.	E-R diagram clearly and correctly labels ALL entities, entity attributes, primary and foreign keys, relationship and connectivity.
C: Data Dictionary (15 marks)	**Unsuccessful (0)**	**Poor (4)**	**Good (8)**	**Very Good (12)**	**Excellent (15)**
Data dictionary of the designed database, which is based on the ER diagram.	Data dictionary missing or unacceptable.	Data dictionary contains SOME table names, but with problems of table attribute definitions, as well as their characteristics and relationships that are to be implemented in the database.	Data dictionary contains SOME table names, table attribute definitions, as well as their characteristics and relationships that are to be implemented in the database.	Data dictionary contains MOST table names, table attribute definitions, as well as their characteristics and relationships that are to be implemented in the database.	Data dictionary contains ALL table names, table attribute definitions, as well as their characteristics and relationships that are to be implemented in the database.
D: SQL Command (40 marks)	**Unsuccessful (0)**	**Poor (1)**	**Good (2)**	**Very Good (3)**	**Excellent (4)**
1. Create all tables in Deakin Oracle DBMS (about nine tables including composite tables) and populate the tables with sample data.	Screen-shot(s) are NOT provided.	Screen-shot(s) are provided showing FEW tables are populated with sample data, or no sample data.	Screen-shot(s) are provided showing SOME tables are populated with sample data.	Screen-shot(s) are provided showing MOST tables are populated with sample data.	Screen-shot(s) are provided showing ALL tables are populated with sample data.

2. Display all staff members whose annual salary is between $20,000 and $50,000 (inclusive), sorted by the annual salary from the highest to the lowest.	SQL command is incorrect.	SQL command is provided correctly or with minor problem. NO screen-shot is provided to show the command execution results.	Minor problem with SQL command. Screen-shot is provided, but the displayed results are not the expected.	Minor problem with SQL command. Screen-shot is provided showing the acceptable results of the SQL command execution.	SQL command is correct. Screen-shot is provided showing the correct results of the SQL command execution.
3. Increase the annual salary for all managers by 5%.	SQL command is incorrect.	SQL command is provided correctly or with minor problem. NO screen-shot is provided to show the command execution results.	Minor problem with SQL command. Screen-shot is provided, but the displayed results are not the expected.	Minor problem with SQL command. Screen-shot is provided showing the acceptable results of the SQL command execution.	SQL command is correct. Screen-shot is provided showing the correct results of the SQL command execution.
4. Display the *monthly* salary for the staff members who work in *a given branch* (identified by branch number), showing the staff number, name, position and *monthly* salary, sorted by the *monthly* salary from the highest to the lowest.	SQL command is incorrect.	SQL command is provided correctly or with minor problem. NO screen-shot is provided to show the command execution results.	Minor problem with SQL command. Screen-shot is provided, but the displayed results are not the expected.	Minor problem with SQL command. Substitution variable is used. Screen-shot is provided showing the acceptable results of the SQL command execution.	SQL command is correct. Substitution variable is used. Screen-shot is provided showing the correct results of the SQL command execution.
5. For *a given branch* (identified by branch number), display the number of staff members, minimum, maximum, and average annual salaries.	SQL command is incorrect.	SQL command is provided correctly or with minor problem. NO screen-shot is provided to show the command execution results.	Minor problem with SQL command. Screen-shot is provided, but the displayed results are not the expected.	Minor problem with SQL command. Substitution variable is used. Screen-shot is provided showing the acceptable results of the SQL command execution.	SQL command is correct. Substitution variable is used. Screen-shot is provided showing the correct results of the SQL command execution.
6. Display all customer members for *a given branch* (identified by branch number), sorted by the last name.	SQL command is incorrect.	SQL command is provided correctly or with minor problem. NO screen-shot is provided to show the command execution results.	Minor problem with SQL command. Screen-shot is provided, but the displayed results are not the expected.	Minor problem with SQL command. Substitution variable is used. Screen-shot is provided showing the acceptable results of the SQL command execution.	SQL command is correct. Substitution variable is used. Screen-shot is provided showing the correct results of the SQL command execution.

7. Display all movies with the genre of romance.	SQL command is incorrect.	SQL command is provided correctly or with minor problem. NO screen-shot is provided to show the command execution results.	Minor problem with SQL command. Screen-shot is provided, but the displayed results are not the expected.	Minor problem with SQL command. Screen-shot is provided showing the acceptable results of the SQL command execution.	SQL command is correct. Screen-shot is provided showing the correct results of the SQL command execution.
8. For *a given director first name*, display all movies he/she directed.	SQL command is incorrect.	SQL command is provided correctly or with minor problem. NO screen-shot is provided to show the command execution results.	Minor problem with SQL command. Screen-shot is provided, but the displayed results are not the expected.	Minor problem with SQL command. Substitution variable is used. Screen-shot is provided showing the acceptable results of the SQL command execution.	SQL command is correct. Substitution variable is used. Screen-shot is provided showing the correct results of the SQL command execution.
9. For *a given actor first name*, display all movies he/she played a role in.	SQL command is incorrect.	SQL command is provided correctly or with minor problem. NO screen-shot is provided to show the command execution results.	Minor problem with SQL command. Screen-shot is provided, but the displayed results are not the expected.	Minor problem with SQL command. Substitution variable is used. Screen-shot is provided showing the acceptable results of the SQL command execution.	SQL command is correct. Substitution variable is used. Screen-shot is provided showing the correct results of the SQL command execution.
10. Display the rental history of *a given customer* (identified by member ID number), showing customer name, phone number, movie copy number, movie title, branch number, renting out date, and returning date.	SQL command is incorrect.	SQL command is provided correctly or with minor problem. NO screen-shot is provided to show the command execution results.	Minor problem with SQL command. Screen-shot is provided, but the displayed results are not the expected.	Minor problem with SQL command. Substitution variable is used. Screen-shot is provided showing the acceptable results of the SQL command execution.	SQL command is correct. Substitution variable is used. Screen-shot is provided showing the correct results of the SQL command execution.