Practice 3

Practice name	DDL
Academic Program	Software Engineering
Subject name	Laboratory of Database Systems II
Unit	I. SQL.
Professor	Aldonso Becerra Sánchez
Due date	September 1, 2022
Due date with penalty	September 2, 2022
Elaboration date	August 30, 2022

Practice objective	Review the notion of Oracle DDL statements creating other types of object.
Estimated time of completion	3 hours
Introduction	The Oracle DDL language is transcendental in the handling of SQL statements at the level of both administrator and database programmer, since it allows the definition of database schemes regardless of the platform used to generate it. Sequences, synonymous and indexes are salient objects in Oracle, since they can help you in several tasks during daily programmer's days.

Reference 1:

1. Oracle Database 11g: SQL Fundamentals.

Reference 2:

2. Oracle Database SQL Language Reference 11g.

Reference 3:

Initial Activity: -

Write the corresponding report. Start with the **Introduction** section.

Activity 1:

Write the section that describes the **Work developed** in the following activities.

You should define a problem statement about a topic of interest (a brief description). Write it as part of the activity 1.

Example.

"A used car company requires managing the sale of cars to customers. These cars are of various brands; these cars are sold in cash and in a single payment".

Activity 2:

The problem statement of activity 1 will be passed to you (from another classmate). With this problem statement, you should be able to generate the ER diagram.

Activity 3:

The ER diagram of activity 2 will be passed to you (from another classmate). With this ER diagram, you should be able to generate the relational diagram by using "Dia" software, for example.

Activity 4:

The relational diagram of activity 3 will be passed to you (from another classmate). With this relational diagram, you should be able to generate the Oracle DDL sentences. With these tables, you should automatically generate the physical diagram in DATA MODELER (dragging the tables). Compare this diagram with the relational model made by Dia.

Activity 5:

You should generate a unique document integrating each phase of your tasks. For each phase: the input and the output.

Activity 9:

Write the **Pre-assessment** section.

Final activity:

Write the **Conclusion** section.

Attached file that is required for this task (optional):

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