**DBMS PROJECT PHASE 2**

**ER Model to Relational Schema**

**Submission Date: 30th November 2019**

1. Convert ER model into Relational schema
2. Create Tables with necessary constraints pertaining to the relational schema using appropriate DDL statements
3. Populate tables with few tuples
4. Generate 10 queries based on the tables created in (2).  The queries must be based on the following:
5. Group by…having
6. Order by
7. Join
8. Aggregate functions
9. Query having Boolean operators
10. Query having arithmetic operators
11. A search query using string operators
12. Usage of to\_char, extract
13. Between, IN, Not between, Not IN
14. Set operations

For each of the queries, mention the use case in the project

*Example : Group by…having*

*In sales order system,*

***Query :*** *select customer,sum(sales\_amt) from orders group by customer*

*where order\_date between ‘1/4/2019’ to ‘30/4/2019’*

***Use case :*** *The total sales value of the products that each customer ordered*

*during each month is required.*