**DBMS Lab Assignments List**

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| **Assignment No** | **Title of Assignment** |
| 1 | Choose a database application; you propose to work on throughout the course. Perform requirement analysis in detail for the same. Draw an entity-relationship diagram for the proposed database. |
| 2 | Create a database with appropriate constraints using DDL and populate/modify it with the help of DML. |
| 3 | Execute DDL statements which demonstrate the use of views. Try to update the base table using its corresponding view. Also consider restrictions on updatable views and perform view creation from multiple tables. |
| 4 | Write equijoin, non equijoin, self join , Natural join and outer join queries. |
| 5 | Design and Execute "SELECT" queries using conditional, logical, like/not like, in/not in, between...and, is null/is not null operators in where clause, order by, group by, aggregate functions, having clause, and set operators. Use SQL single row functions for date, time, string etc. |
| 6 | Write useful stored procedures in PL/SQL. |
| 7 | Write and execute all types of database triggers in PL/SQL. |

**\*\*Note: It is expected that students should choose their course project topics in the start of semester only so that, they can apply all lab assignments for their course project database system.**