**Lab Manual for DBMS**

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| **S#** | **LAB** |
| 1 | Intro to DBMS Interface Components. Introduction to MS ACCESS: Tables, Forms, Queries and Reports |
| 2 | Introduction to MS SQL SERVER: Installation & Configuration |
| 3 | MS SQL SERVER: Working in Interface, Table Creation, Intro to SQL queries |
| 4 | MS SQL SERVER: Relationships, diagram creation |
| 5 | Introduction to MySQL Workbench: Connections, Table creation in Data Model & Queries |
| 6 | SQL: SELECT basics |
| 7 | SQL: CREATE, INSERT, UPDATE |
| 8 | SQL: SELECT advanced |
| 9 | SQL: JOINS |
| 10 | SQL: ALTER |
| 11 | Store Procedures and Transactions, SET TRANSACTION, COMMIT, ROLLBACK |
| 12 | SQL: LOCK TABLE, TRUNCATE, RENAME |
| 13 | SQL: GRANT, REVOKE |
| 14 | Database connection with PHP, VB or any other language |
| 15 | Sample Project |