

# Database Systems

## *Lab 04*

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### **1 Tasks-1 : develop Java Application for your Database**

1. Establish a connection between your data base and Java Application using JDBC driver
2. Create an appropriate GUI using Java language. Your GUI should facilitate user to perform basic operations on database. User should be able to
  - display information about your database (tables, functions, stored procedures etc)
  - navigate (see) records (data) from each table in your database
  - run functions to insert, update and delete records for each table in your database
  - print reports (data from different tables)

### **2 Tasks-2: Submit project report**

- Your report should contain
  - Introduction
  - Database Design
  - Server side programming (procedures, functions, triggers etc)
  - Client side programming (Java application files)

### **3 Tasks-3: Prepare a video presentation for the project (5-7 minutes)**