

## **Computer Science Workshop 1 (CSE 2141) End-Term Project**

### **Municipal Data Management System**

This project is a simple Municipal Data Management System. In this project you will be learning how to add new person record to the database, how to generate a 5 digit unique ID for each person, how to remove a person from active list to the dead person list if you are issuing death certificate, person location in the given ward. Also, you will be implementing the following operations add, view, show status, etc. The status will show all the details of the person including name, id, date of birth, occupation, family type (single or joint).

### **Instruction for implementation:**

- Design GUI based inter face for user, by using which user able to login to system with proper authentication.
- Specify operation according to types of use i.e., if the user is administrator he/she able to insert, update, and display data from database. If the user is a general user he only able to see the information of a student.
- User able to get the status of the students in a nicely formatted text file.
- Use any database(Oracle/Mysql) to store the required data.

### **Instruction for preparation of project report:**

- Your project report consist of the following part.
- Front page (Format will be share by concern faculty).
- Content
- Problem statement
- Problem analysis
- Flow chart of the problem
- Coding (JAVA as programming language)
- Snapshot of input and output
- Coding part must have with proper documentation:
- Problem statement
- Author details and date of editing
- Proper variable name
- Proper programming style

Evaluation process for end term project.

Total 20 marks which is distributed as follows:

- [5] Problem statement, input and output, Problem analysis.
- [5] Problem design and Flowchart.
- [5] Adding innovative idea to the project.
- [5] Coding.