

## **Module 1a: Database Overview**

### **Objective:**

The basic fundamental knowledge units of database field are summarized in this module to refresh and reinforce basic understandings of database systems. For additional details, please refer back to the prerequisite database course materials and to the web.

### **Topics:**

- overview of database systems
- query languages (relational algebra, SQL)
- sample queries
- views, indexes, stored procedures
- normalization, database design
- constraints, triggers

### **Task:**

For each topic, first read the associated pdf file and then watch the related video. Subsequently, make sure that you understood the key points outlined in the pdf file.

### **Assessment:**

After reviewing all topics of this module, take the appropriate online quiz on Moodle prior to the deadline. Also, a sound preparation on this module will enable you to score high in in-class quiz, exams and excel in job interviews.