**Project 2**

**CSIS 304: Databases**

**Spring 2013**

**Due:** Submission - 01/27/13 (11:59 pm).

**Objectives**:

Develop practical skills to design and implement databases.

**Tools:**

MS Visio 2010, MS Access 2010.

**Description:**

Study Chapter 2.

Class work:

Problems 6-8 (p. 59).

Homework:

* Solve Problems 10-12 (p. 60). Create the ERD and UML class diagram using MS Visio 2010. Implement the database using MS Access 2010 (create tables, define the primary keys, create relationships, enforce the referential integrity rules. Every table should have at least 3 records.)

**Scoring Rubrics**

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| **#** | **Feature** | **Score (%)** |
| **1** | Class work | 30 |
| **2** | Problem 10 (MS Visio 2010) | 20 |
| **3** | Problem 11 (MS Access 2010) | 30 |
| **4** | Problem 12 (MS Visio 2010) | 20 |
|  |  | 100 |