

ITE 193
Final Project
Database Backup and Restoration

Create a ***DB Management program*** that can backup and restore MySQL database objects, such as the schema and tables. The project should meet the following guidelines:

- ✓ This project should be done individually or by team of two. This will be graded as *Final Exam*. Additional points for those who choose to do this individually.
- ✓ Any programming language may be used as long as the DBMS is MySQL, utilizing the backup and restore features.
- ✓ The graphical user interface (GUI) should contain functionalities for:
 - viewing two categories of DBs: **Primary Databases** and **Backup Databases**,
 - making a backup for a specific database or table,
 - restoring a database/table from a file to a new or existing DB,
 - showing the details (backup/restore time and size) of the DB dump; and
 - [optional] creating/dropping a database/table.
- ✓ The final presentation and submission is scheduled on May 27 during our class hours.
- ✓ The grading criteria are as follows:

○ Functionality and Content	50%
▪ <i>All shown features work properly. There is completeness of the required features.</i>	
○ GUI Design	20%
▪ <i>The design is good; it shows creativity and originality.</i>	
○ Programming Standards	15%
○ <u>Presentation and Knowledge of the Program</u>	15%
	100%