

## Spring 2013 MP4

Develop a *NetBeans* project using *Java Database Connectivity (JDBC)* connected to a *MySQL* database called *itm411DB*.

Create and populate the database with the scripts contained in the file, *ClassicModels-MySQL.zip*.

Provide a driver class that displays a **command line menu** selectable by the user. This menu includes basic CRUD operations as follows:

- **Create** an *Employee* record
- **Retrieve** an *Employee* record by ID
- **Retrieve** all *Employee* records
- **Update** an *Employee* record by ID
- **Delete** an *Employee* record by ID

Provide a portable test script that executes the application and writes all display data to a file called ***mp4out.txt*** in a portable file system location (i.e. project top-level)

Comment your code and provide a detailed **README** (PDF only) file that includes:

- project description/abstract
- installation, compile and run-time requirements
- insights and expected results
- screen captures demonstrating all application capabilities
- generate project *Javadocs* API and move from the *dist* folder to a *docs* folder

Submit a compressed file called ***mp4.zip*** (zip only) of all project code and documentation by 04/28/13, 23:59/CDT. Late mini-projects will lose points. **(50 points)**