



**ROYAL UNIVERSITY OF PHNOM PENH
FACULTY OF SCIENCE
IT CENTER**

**MASTER OF IT ENGINEERING (MITE)
DISTRIBUTED SYSTEM
Lecturer: Taing Nguonly**

YEAR I, SEMESTER I

**Assignment II
Deadline: Sunday January 22, 2011**

**SOK PONGSA METREY
Weekend Class**

2011-2012

1. INTRODUCTION

To understand about middleware function in distributed systems by empowering of Java RMI technology.

Database name: metrey.students.db

3 tables: td_student, td_course, td_student_courses

Using SQLite JDBC / Java RMI

2. WORKFLOW

Available commands:

- 1: Save, 2: Update, 3: Delete, 4: FindAll, 5: FindById, 6: FindByName, 7: FindByCourse, 0: Quit

3. IMPLEMENTATION

Project structure:

```
\---DS2StudentCourses
|  client.bat
|  compile-java-classes.bat
|  metrey.students.db
|  README.txt
|  start-server.bat
|
+---lib
|   RMISStudentClient.jar
|   RMISStudentServer.jar
|   sqlite-jdbc-3.7.2.jar
|
\---src
    \---main
        +---java
            | |  compiling
            | |
            | \---edu
                \---rupp
                    \---rmi
                        +---common
                            | \---dao
                                |   AbstractDAO.java
                                |
                                \---students
                                    +---client
                                        |   StudentCoursesClient.java
                                        |
                                        +---server
                                            | |   StudentCoursesServer.java
                                            | |
```

