Das\_teamCS374

Shawn, Steven, Ivan

Software Engineering

Dr. Reeves

11/28/2016

**Glossary**

* File Main.Java
  + Provide user instruction
  + Take user input and help user find available room and time to move a class
  + Move a class.
* File MoveClass.java
  + getClassData: take a course CRN, and output all student information currently in that class
  + setStudentClasses: take a student’s last, first name, and term code, output information of all the class that this student is currently taking.
  + getPriority: calculate and return the number of senior in one class
  + showOpenRooms:
    - Find available room during the day and time selected by user.
    - getRoomsThatFit: find the room that is big enough to fit all currently enrolled students.
    - getClassDays: find open classroom during the day and time selected by user.
  + findRoomsThatFit:
    - Finds available rooms as alternatives. If fails to find any room at selected day, allows user to re-enter a new date.
    - getRoomsThatFit: see under MoveClass.java
    - Display timeslot for selected day.
* QuerySQL.java
  + getClassInfo: get students’ information and class information for selected class from database.
  + getStudentClassesData: get all the classes and their information for selected student from database.
  + getProfessorSchedule; get schedule for selected professor and term.
  + getClassDays: get available room for selected time and days from database.
  + getRoomsThatFit: get available room from database.
  + getAllRooms: return all rooms from database.