

# DATABASE MANAGEMENT SYSTEMS

## PROJECT ASSIGNMENT

Here are some guidelines to follow in order to complete the project assignment for this course:

- 1) The project is made up of a written report and an implementation in java on *uxb*. The project is due on the last day of class. This means that the ER Diagram must be given to me by the beginning of class that day; you may submit the rest of the written report and the implementation files up to 11:59PM that day. Only one copy of the written report and one set of implementation files need to be submitted PER GROUP. Make sure all group members' names and Oracle accounts are on all documents.
- 2) The requirements for the project are available on my website: <http://www.wiu.edu/users/mjm125>, and also on Western Online. Most students use this document as the outline of their report.
- 3) Here are some guidelines for the implementation portion:
  - a) Submit on Western Online. Be sure the implementation files are separate from the written report.
  - b) Submit only the ".java" files, not the classes. I will compile the code myself. Make sure that any files that are needed for a successful compilation are present and that the order of compilation is CLEARLY specified in the comment section of your code. Alternatively, you may submit a "README" file to specify compiling and execution instructions.
  - c) Don't forget to comment! Good style is also important here.
  - d) DO NOT PASSWORD PROTECT YOUR CODE!!! You may simulate different types of users for your program by either 1) implementing their actions in different programs, or 2) having one program and asking the user which type they are. In either case, please, please, please don't make me type a password to use your code!
  - e) To make it easier for me to use, give a valid example for all data entry requests, i.e.

Enter the Customer's Name [ex. Smith]:

- f) See the project requirements for the complete list of things that are required in the code.
- 4) Here are some guidelines for the written report:
  - a) The written report MUST be typed and submitted on Western Online. Your E-R Diagram may be hand-drawn, but all text must be typed in at least a 12pt font.
  - b) Turn in the ER Diagram in class. I have a number of two pocket files for you to use – one pocket is for your ER Diagram, and the other is for your grade sheet.
  - c) You do not need to include the code in your written report – submit the code in separate files. Also, don't include CREATE TABLE and INSERT statements for the data you implement. I will log in to your account and check these.
  - d) Include a **title page** which lists the group members' **names** and Oracle **accounts**. Also indicate the account where the data has been created and stored.

## **Project Grading**

The group project will be graded based on the percentages listed in the description document (70% design, 30% implementation). The design will be graded based on how well you have described and documented the sections required. The implementation will be graded based on my Program Grading Criteria flowchart.

Your individual grade will be based on your project grade (80%) and your group's evaluation of your contribution. When the projects are turned in, I will pass out a group evaluation worksheet which each person must fill out. I will assign your individual grade based on these worksheets. I view this last 20% as each student contributing 20 points to a pool, which will be distributed based on the percentage of work each student completes. Thus, if one student does no work, they may receive 0 points, while his/her partner may receive 40 points.