

## Phase (1) - DBMS Project - Due: Fri March 24

**Individual** Project Requirement and Specifications Due March 3

One **Team** Requirement and Specifications in Hardcopy Due March 9

Soon you will have almost everything you need to carry out the design phase of your project which is a major part. Note that this is a TEAM project, as such all members of the team **MUST** have and should be able to demonstrate equal knowledge of the project and their fair contributions. The entire team will be evaluated on the quality work for each of the items listed below. **That being said, I am not looking for an excellent final product that is done by one person only. In such a case, the entire team will receive a poor grade for the project.**

You are required to submit:

- 0) Your (**all members**) log files. That should include individual project related activities as well as all the activities done in teams. Please calculate your **delta time** as you go.
- 1) A project description (maximum one page).
- 2) The objective of your project (one to two sentences). What is does your project do or expected to do.
- 3) Project planning and timeline. I know I have given you a deadline for the first phase. But you need to have your own timeline for the complete process from requirements to delivery. This is where the experience of the Software Engineering student in your group can be helpful.
- 4) The interview with your client (including the dates, times, and the details).
- 5) List of questions that were considered in your design (some of the questions that you have made up or the customer(s) have had) to address the requirements and specifications.
- 6) The responsibility of each group members (define as clearly as possible) based on the one page description I handed out in class.
- 7) Name of the group communicator (one of the group members, does not have to be the leader)
- 8) The **individual as well as the team** schema diagram for the database (include comments).
- 9) The **individual as well as the team** E-R diagram of your DBMS (include comments).
- 10) The **individual as well as the team** relational Database Schema (include comments).
- 11) Catalog (include data types, constraints, and format of all attributes).
- 12) Name of the software or applications you will use to implement the database system.

Please note that the comments by all group members on schema, ER model, and Relational Schema **must be** included in the package in their original form. For example, if you have met and came up with the first draft of the schema and distributed it to all members, then all members have to make their comments individually, and you will need to submit every one of them with the package. The same is true for the diagrams of the E-R and relational models.

Another example: You may divide the catalog design among members of your team, and then include the comments of the team member (it can be on its original messy format). The idea is to get everyone involved in the early stage of the project. You will be penalized as a team and will be given credit as a team when you submit the package. However, each member will also receive an individual grade for the contribution and the individual work he/she has carried out.

This is how team projects are set and done in real world. **Please note that there will not be any extension to the due date.**