Marmara University – Faculty of Engineering – Department of Computer Engineering
Fall 2020 – CSE3055 Database Systems
Project

Step #2	Requirement analysis & Conceptual database design	2 pts	Due: 03.12.2020.Thu

1) Submit a report that contains data and requirement analysis of your database. Your report should contain the followings:

   a) Entities and their definitions.

   b) Business processes and their definitions.

   c) Business rules, constraints, etc.

   d) Other functional & non-functional business requirements.

   e) Customer-related documents you have collected from the company/customer in order to prove that your project will be an implementation of real business.

2) Create a diagram that shows the entities, attributes and relationships in your database using Entity-Relationship Model.

   a) The diagram should obey the rules of Entity-Relationship drawing conventions.

   b) Attach your ER diagram.

3) Do not use any handwritten text, image, object, etc.

4) Write the following sentence in a text file: "We hereby swear that the work done on this project is totally our own; and on our honor, we have neither given nor received any unauthorized and/or inappropriate assistance for this project. We understand that by the school code, violation of these principles will lead to a zero grade and is subject to harsh discipline issues." Rename it as "we_swear.txt" and include this file in the zip submission file.

5) Only one of the group members (*i.e.* group representative, in short "GrRep") is going to submit all steps of the project using GrRep's info all the time. Zip all your documents into a single file using filename GrRepStudentNumber_PS2.zip (*e.g.* 150118123_PS2.zip) and submit it to the site http://ues.marmara.edu.tr before deadline.

***   IMPORTANT NOTES

1) Only one of the group members (*i.e.* group representative, in short "GrRep") is going to submit all steps of the project using GrRep's info all the time to the site http://ues.marmara.edu.tr before deadline. However, all group members should have a complete and comprehensive understanding of all the work done for all tasks and steps of the project.

2) In case of any form of copying and cheating on solutions, all parts will get ZERO points. You should submit your own work. In case of any forms of cheating or copying, both giver and receiver are equally culpable and suffer equal penalties. All types of plagiarism will result in zero points from the homework.

3) Do not send project submissions through e-mail. E-mail attachments will not be accepted as valid submissions.

4) You are responsible for making sure you are turning in the right file, and that it is not corrupted in anyway. We will not allow resubmissions if you turn in the wrong file, even if you can prove that you have not modified the file after the deadline.

5) Grade evaluation may be done on selected parts of the project, so try to complete all parts of your project successfully.

6) No late submissions will be accepted.