

SE 2222 Week 11 ER Diagram Labwork

Consider Course Registration system of Yasar University. Design a database to accommodate this system using ER diagram tool in MySQL Workbench.

Mandatory Aspects you are required to consider are:

- Student and Professors and information of your choosing about them. (at least 6 fields for each besides primary keys)
- Information about departments and faculties.
- Information about courses and which department these courses belong to as well as their year and semester information as well as Instructor of the course.
- Course registrations for every student as well as the grades received for that particular course and particular semester. If it is in the current semester default should be 'NA'.
- Scholarship information for students if they have any.
- Registered clubs for particular student if they have any.
- Academic Advisors for every student.

RULES:

1. Your diagram is required to have at least 10 different tables.
2. Your diagram is required to have at least 2 of each non identifying and identifying relationships.
3. Every table should have at least 1 connection.
4. At least 90 % of all fields should be checked as Non – nullable.
5. You are required to provide a PNG export as well as Forward Engineer Create SQL Script(.sql file) both can be obtained from File -> Export Menu as well as *.mwb file that depicts your diagram and model.

DUE Date: December 11, 23:55

Good Luck