

Project Data Model & DB Design Document

Due in GitHub and a hardcopy submission before the class time on 10/08/2019 (Tuesday)

- Each team must submit an ER Model for the application.
- Based on your project functional requirements:
 - Identify the entities, attributes, dependences, relationships, constraints, etc.
 - Show ISA, multi-way relationship weak entity sets, etc. that apply to your design.
 - Explanation for each entity set and relationship, write a short description in plain English of what it represents or models. One or two sentences per entity set and relationship is enough. These descriptions are primarily to help understand what you are modeling.

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- The ERD should be sufficiently complete to serve as the basis for further development.
- Create and show at least 10 tables according to schemas and model the data stored in the database (Each table must contains at least 15 tuple instances.)

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- Teams will be randomly picked to present their database design to the class for Peer Review purpose.
 - Each student will receive **2 bonus points** each time for finding other team's mistakes/drawbacks in data model design.
- The presentation of Design document should have average 6~8 minutes in length.
- After the presentation, demo your working three-tiered architecture.