

# Group Assignment 2 - EER Diagram

CS4.301: Data and Applications  
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**Due:11:59 PM, September 19, 2021**  
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## 1 The Task

For Group Assignment 2, you are required to design an EER diagram for the same mini world that you were given for group assignment 1. However, you will be drawing the EER diagram of the miniworld based on **a different team's requirements analysis document**. The EER model captures all entities (subclass, generalization, weak, if any) and the relationships stated in the requirements document.

Since you are provided with a different team's requirements document, you will also have to review and evaluate the requirements analysis document assigned to you. Such evaluations could be on the basis of a number of parameters :

- Are the requirements complete or missing something?
- Are any requirements incorrectly included?
- How easy is it to design the EER model with these set of requirements?

If you believe that some inconsistencies exist in the requirements document, you can rectify them. Be sure to mention each and every point in your analysis section of this submission.

## 2 How to Draw

You are free to draw your EER diagram using any digital tool such as creately, draw.io, lucidchart.

We urge you to use the notation used by the textbook (minor variations are alright considering the tool's limitations).

Use **(min-max) notation** for cardinality and participation constraints. It is possible to miss some details with EER diagrams, so ensure you spend some time on this.

Common mistakes include missing cardinality constraints, ambiguous participation constraints, and undifferentiated attributes (multivalued, primary key, etc.).

### 3 Submission Instructions

The document that is assigned to you for this assignment can be found in the last column (Group Assignment 2 Links) [here](#).

Your submission must include a single PDF named **assgn2\_teamID.pdf** containing the EER diagram and the critical evaluation (analysis) of the requirements document. Your team ID can be found in the same link as above.

Only **one submission must be made per team**, you will be penalized if we find multiple submissions.

### 4 Additional Notes

As mentioned above, the mini world remains the same, although the requirements document is different. The evaluation of the requirements document will have no effect on the team being evaluated. This is just to test your ability to analyse and identify whether a requirements document is comprehensive enough or not.