***COSC265 Assignment 1 Assumptions***

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Plenty of assumptions were made about the given LEARN data model to complete the EER diagram. Here are the assumptions listed below:

* For the **USER** parent entity: Assume that a user can be a student and a teacher at the same time.
* For the **TAUGHT\_BY** relation: Assume that each lecturer teaches at least one course.
* For the **ENROLLED\_IN** relation: Assume that each course has at least one student.
* For the **COURSE\_CATEGORY** entity: Assume that the course category ID is unique within all courses. (This was specified very ambiguously in the document.)
* For the **HAS\_A** relation binding **RESOURCE** and **COURSE\_SECTION**: Assume that each course section has at least one resource.
* For the **PARTICIPATE\_IN** relation: Assume that each forum has at least one user.
* For the **MAKE\_POST** relation: Assume that you need to be a registered user to post.
* Also, for the **MAKE\_POST** relation: Assume that a post cannot be shared across forums.
* For the **REPLIES\_TO** relation: Assume it is never possible for a post to reply to itself.
* Also, for the **REPLIES\_TO** relation: Assume that you cannot reply to multiple posts at once in the same post.
* For the **QUESTION** entity: Assume that question IDs are unique for all possible quizzes. (This is very ambiguously stated in the assignment document.)
* Also, for the **QUESTION** entity: Assume that questions can be shared across quizzes. For example, if a lab expires, and changes to a practice quiz, it can share the same questions from the expired lab.
* Finally, for the **QUESTION** entity: Assume that each question resides in at least one quiz.
* For the relations between **STUDENTS** and **QUIZZES** and **QUESTIONS**: Assume that sometimes, no students will submit a question or a quiz.