**Database Management System – cs422 DE**

**Assignment 6 – Week 9**

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**This assignment is based on lecture 8 (chapter 16 & 17).**

* Submit your *own work* on time. No credit will be given if the assignment is submitted after the due date.
* Note that the completed assignment should be submitted in .doc, .docx, .rtf or .pdf format only.
* In MCQs, if you think that your answer needs more explanation to get credit then please write it down.
* You are encouraged to discuss these questions in the Sakai forum.

1. 3NF essentially identifies
   1. 1-\* relationships
   2. \* - \* relationships
   3. 1-1 relationships
   4. None of the above

ANS:

1. While checking our tables for normalization, if we find that they are not even in 2NF then we must have missed some
   1. 1-\* relationships
   2. \* - \* relationships
   3. 1-1 relationships
   4. None of the above

ANS:

1. How to identify parent and child entities in a relationship?

ANS:

1. Solve review question 17.2/ 16.2 (a,b,c,d,g,i) from 5th /4th edition of the course text book.

ANS:

1. Discuss how the technique of normalization can be used to validate the relations derived from the conceptual data model. (17.3/16.3)  
   ANS:
2. Solve exercise 17.8/16.8 from the 5th /4th edition of the course text book. In the ERD, only those attributes are listed which are PK for that entity. You are required to add more attributes to the relations which will be logically applicable to that entity.   
   ANS: