**CS301 - Database Management Systems  
Fall 2022**Writing Assignment #1

Relational Database

**Due: October 7 by 11:59 pm**

Now that you know relational databases, you want to create one for an organization you are familiar with. You will write a paper to convince the organization to build one. The following are just a few examples of the topics you may want to include in your paper.

* The benefits of having a database in the organization.
* How a database will be created. For example, how to identify the entities and the relationships in the organization, and how to convert them into the tables (formally relations) in the database.
* What operations can be performed on the database.
* What user interfaces are available to the organization.
* How privileges and security are enforced.

Please feel free to include any topics in your paper. Your goal is to convince the organization that having a database will benefit them and they will ask you to build one for them. Make sure your paper is readable by any person without the knowledge of Database Management Systems or Software Design.

Please read the Writing Tips (cs301 writing skills.pdf). You shall provide a specific title on the title page to reflect your paper. Your paper should be 3 pages, and must use 12 pt. Times New Roman font, 1.5 line spacing, and 1-inch margins.

Include citations within the body of your paper and list the references at the end of the paper. The 3-page limit does not include references or the title page. You may reference websites for this assignment.

A paper will be returned to you for a Redo if:

* You did not have a title page
* You did not include references
* You did not cite all of your references in the body of the paper
* It is shorter than 2.5 pages
* You have too many direct quotes
* There are many grammatical mistakes
* You do not have an introduction or a conclusion

To format citations within the paper, use the following order: end of the sentence or quote, citation, then period. For example,

I paraphrased some ideas, so I do not need quotes [1].

However, if I use a direct quote then “non-relational are becoming popular” [2].

Citations and references should use the IEEE format:

<https://ieee-dataport.org/sites/default/files/analysis/27/IEEE%20Citation%20Guidelines.pdf>