Final Project

Re-submit Assignment

Due Jul 1 by 11:59pm **Points** 50 **Submitting** a file upload
File Types docx and pdf

Your team will be given an ER diagram that describes the design of a relational database. You must take this ER diagram and convert it to an appropriate design for storage in MongoDB. You will need to do some research on good practice in MongoDB, and take into account things like the kinds of questions we might answer with this data store, what the most common queries might be, and the non-relational nature of Mongo.

Your team is to submit a word document or a PDF with the following:

- Names of team members
- The original ER diagram
- A sample of at least one document for every collection you create for your design
  - Note: You must demonstrate the ability to store the same kinds of data as the original ER diagram; you cannot remove functionality from your design, just change how it is accessed
- MongoDB commands for inserting at least two documents into every collection you create
- MongoDB commands that demonstrate:
  - At least one update (appropriate to what your data is storing)
  - At least one find operation
- A listing of the fields that would be appropriate for indexing
- A one page (minimum) writeup of WHY you made your design the way you did. You should do some external research and cite appropriate sources **correctly**; do not copy and paste directly from external sources; this should be entirely in your own words

You may find this page to be a helpful starting point for your research:
https://www.mongodb.com/blog/post/transitioning-from-relational-databases-to-mongodb (https://www.mongodb.com/blog/post/transitioning-from-relational-databases-to-mongodb)

You must have at least one citation to a credible source (a mongodb blog or whitepaper would be credible, for example), and you must correctly cite your source in either the APA or ACM style.