ITE 327
Project Phase II

Instructions: this phase of the project will entail everything that you have learned thus far between the lecture and lab course. Be sure that you review the scenario of this project very closely. NOTHING should be added to this project, you should work with the specifications that you have been given.

This is a phase where you are formatting your ERD into relations and normalizing your database for development. At this point you should have "fixed" your phase 1 to match the solution that was given in class. For this part of the project you will be AMMENDING your first report. So everything that you do for this phase should appear AFTER the last item that you had on your Phase 1. If you have not fixed your Phase 1, you should be working on that. Remember, your report should end with a reference/citation/sources page.

- Transform your ERD into a Relational Schema and display the referential integrities
- Textually represent the functional dependencies for your Database. (textual representation means F→D).
- What constraints are associated to your database? Explain them.
- What form are your relations currently in? Do any of your relations violate 3NF? If so, explain. If your relation is already in 3NF explain.
- Can any of the relations be normalized to BCNF? If yes, decompose.
- Textually display your normalized relational database.

REFERENCES:

If you used any sources other than lecture material or your textbook to complete your assignment you MUST cite your source to not be considered in violation of academic honesty. Majority of other sources will probably be found online, below is the structure you should use to cite your source. You should then place the source number next to the answer above.

[1] D. Holland, Finding the Building Blocks of Wood, The University of Melbourne, June 6, 2018. Accessed on: June 13, 2018. [Online]. Available: https://pursuit.unimelb.edu.au/articles/finding-the-building-blocks-ofwood?utm_source=linkedin.com&utm_medium=social&utm_content=story