ITE 327 Project Phase I

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 documenting the design of the database. Your project should be submitting in a report format. This includes cover page, section headings, textual explanations of what is being displayed, text that summarize images, etc. Your report should end with a reference/citation/sources page.

- create a simple, user-oriented data dictionary for the system
  - This is your data dictionary
- construct a cross-reference table showing which data items appear on various reports and transactions for the system
  - Your table should display which forms and reports requires each piece of data from your dictionary
    Easiest way to do this is to add columns to your data dictionary that correspond to all reports/forms and place an "x" where the information is used.
- Draw an ERD for the database
  - identify entities and their associated attributes, relationships, and cardinality constraints
- Draw an EERD for the database.
  - Additional assumptions for EE-R and object-based models:
    - Jobs can be either professional level or clerical level. A professional-level job requires a degree in specific fields. A clerical job requires specific skills and skill levels, but does not require a degree.

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-of-wood?utm_source=linkedin.com&utm_medium=social&utm_content=story