CSCI 265 – Database Systems
Database Final Project
Fall 2021

This final project will be the final exam for the course. You are to find data that is in an area of interest to you, create a relational data base storing this data, and write queries to provide interesting information from the data. Your project must be approved by me (final project deliverable 1). Progress on your project will be checked before Thanksgiving break (final project deliverable 2).

There is no grading rubric for this project. Your grade will be determined by the instructor after inspection of your deliverables. You are to provide a write-up in a pdf file containing:

- the purpose of your database
- ER diagram of your database
- schema of your database, including all information as to how the database was normalized (show functional dependencies)
- a list of information questions that the queries you wrote provide answers for
- a discussion of what grade you deserve for the project and why

The instructor's grade will be determined in part by the complexity of the database: how in depth the data is, use of multiple tables, the relevance and complexity of the queries (should be some joins), the interesting nature of your database and the information you derive from it.

Other optional considerations include writing Java or Python code to interact with your database to add data and execute queries as directed by the user.

In general, the instructor will consider how much you may have learned from the project, how much you demonstrated what has been covered in class about relational databases, and demonstration of theories and skills not covered in class. In short, how much you demonstrate mastery of course material and how valuable of a learning experience the project was for you.

The main deliverable will be the .sql file containing the dump of your database and all queries. If your dump file does not load and execute the queries (has errors and does not work), your grade will likely be 0 (zero) for the project. All submitted program code must run without error. It will be better to submit a small amount of working code, rather than a large amount of code that does not work!

All submissions are due on Thursday, December 16, 3:00pm.