

## COSC2307 Final Project

Due Date: Thursday December 4<sup>th</sup> at 11:59 pm

### Task

Develop a fully functioning database populated with data sourced from datasets of your choosing.

### Constraints

- Final project must be completed individually.

### Final Deliverables

- **Project Report**

Provides a general overview of the database project and the project scope. Also outlines the DBMS chosen and why.

- **Design Documentation**

Outlines the architecture of the database, and relevant ER diagrams used in planning. Database should be structured in a way that satisfies at least BCNF.

- **Project Demonstration Video**

A narrated demonstration recorded using a screen capture tool. Highlights using the database from an end user perspective. Include a few demonstration queries.

- **Sample Report**

Use the data in your database to create a report that tries to extract some sort of insight from your data. Tools that can be leveraged to create reports include Tableau, PowerBI etc. Include the queries used to generate insights in the report as well.

### Important Intermediary Deadlines

Wednesday October 31<sup>st</sup>

Brief 1 page proposal is due. Outlines the high-level purpose of your database, and potential sources for your data. Scope may be adjusted by me to better fit the timeline.