CST8215 – Assignment #2

This assignment will evaluate your ability to practically apply the knowledge you have acquired so far in this course (15% of the overall assessment).

Preparation

- Before beginning the assignment, please read the information listed below regarding the submission of your assignment and the tasks involved.
- **IMPORTANT**: Download all documents required for this assignment.

Tasks

1. You will breakdown and analyze the various documents provided.
2. From this analysis, you will define a basic ERD that shows how all the entities are related.
3. You will then identify the physical properties of the database and complete the Database Design Document. A sample is included in this assignment.
4. Based on the basic ERD and database design document, you will create a physical ERD using a data modeler of your choice.

Submission

There are three components which must be submitted (each component is worth 5% of the overall assessment):

- **1 Word document** (database design document), containing:
    - A listing of the names of every group member.
    - Documentation of the database
    - Ensure database design properly normalized
    - A basic ERD showing the entities and how they are connected
        - ensure all important entities are displayed
        - ensure it displays all connections
- **1 Physical ERD**
    - created and exported as an image from either the Toad data modeler or some other appropriate modeler.
    - ensure it has all the details listed the Database Design Document
    - ensure naming conventions are followed
    - ensure relationships are defined properly
- **1 DDL sql File**