General Instructions

- This is an individual assignment.
- You will create your own database schema on the hopper.
- You will need to connect to the hopper and should be able to do so from either on or off campus. The instructions for connecting are as follows: https://bohr.wlu.ca/cp363/notes/implementation/connectingDBMS.php.
  - Please use the instructions for MySQL workbench.
- You have a database schema available to you on hopper. The schema is named with your Laurier network name.
- The logins are the same as your Laurier logins, and the password is cp363_Pass, which you can change if you wish

  Note: It's important to start early to ensure you can log in to Hopper. If you have any concerns, contact me as soon as possible.

- We will directly access your database after the due date. **There is no Dropbox, and nothing should be submitted through Myls.**
- Late policy: If you have a compelling reason for not being able to submit the assignment on time and would like to make a special arrangement, you must send me an email at least a week before the due date (an individual basis will handle any genuine emergencies).

In your schema, create a database with the following specifications and ensure that this design follows the normalization guidelines (up to 3NF). **(Marks 30)**

- It should consist of at least six database tables.
- Each table must have a primary key.

    - at least one of the primary keys must be a 'natural' primary key that relies on its data (like a student ID)
    - at least one of the primary keys must consist of more than one field.
- It should have foreign keys foreign keys such that.
    - all tables must be a foreign key source or destination.

- at least one table must be a foreign key source and destination.
- at least one view that displays the results of a two-table foreign key relationship.
- at least one view that displays the results of a three-table foreign key relationship.
- at least one field that allows NULL as the default value.
- all constraints must be properly used, at least in one table.
- no table may have less than three rows.
- at least one table must have a minimum of ten rows.

Best of luck for the assignment