CMPS4191 Advanced Web Development

Test3

**Assigned date:** 26 September 2020

**Due date:** 27 November 2020

You can work in pairs for this test. You have been provided with three files. Of the three, only the JavaScript file will require that you make changes. Ensure that you use the **todo\_obj** that has been provided for you. You can add more functions and properties to this object but ***cannot remove the existing ones and must make use of them in your code***. Furthermore, you must use, in some way, either function **filter**, **map** or **reduce**. The changes needed are as follows:

If the **newTodo** button is clicked

1. Check if user-entered item is a duplicate of another previously added item. The check is not case sensitive. (10pts)
2. If it is a duplicate notify user and ignore. (10pts)
3. If not duplicate, add item to list along with a checkbox and update **totalItemCount** and **uncheckedItemCount** accordingly. (15pts)
4. Clear inputBox after each entry. (10pts)

If **deleteTodo** button is clicked

1. Prompt the user that they are about to delete all checked items. (10pts)
2. If the user agrees to continue, then delete all checked items, otherwise do nothing (15pts)
3. Update **totalItemCount** and **uncheckedItemCount** accordingly whenever deletions occur. (10pts)
4. If an item is deleted it can be added again later since it will not be considered to be a duplicate. (10pts)

The use of at least one of the functions, filter, reduce or map. (10pts)