Working with Table Views
CPSC 575 Assignment 3

In the previous assignment, you recreated an app's user interface and its functionality. This assignment will be much more free-form.

As your homework over the last week you have built a first app with a table view – the FoodTracker app – following the "Working with Table Views" example on the Apple's web site.

Task 1: Add Another Table View

Add another level of table to the FoodTracker app. The FoodTracker displays meals in a table, which is the first view within the app.

For example, you can insert another table, which will become the first view of the app, and then segue into the Meals table view. The new table could display categories such as Breakfast, Lunch, Dinner, or Asian, Mexican, American, European, etc. It is up to you.

Or you can add a table view that you segue into from the Meals table that could contain, for example, recipes for a specific meal. It is your choice. Be creative.

Task 2: Add Search Functionality

Check out the documentation on how to add search controllers into an app in Table Search with UI Search Controller. Take this code example as a guide to add a Search Bar and Search Display Controller to your app, so that you can search for meals.

Implement your app with the behaviour described above with Swift 4 in Xcode 10. Once complete, commit your changes to the GitHub assignment repository. Make sure that your project is completely self-contained. In particular, check that there are no references to local files on your computer in the project, unless these files can be regenerated by the compiler or debugger.