

Lab 7 – Table View App with Master and Detail Views

CS2351M, Intermediate Mobile Application Development: iOS

Introduction

The purpose of this lab is to give you practice using a TableView with an index and detail view. The detail view will be implemented using a UINavigationController and a UIViewController that has a UIView with a title and a back button.

Group B: Table of Elements

Create this table similarly to the one described above. It will have an alphabetical index. Each table cell will display the name of the element and some other information, such as its symbol, like:

- Germanium, Ge

The detail view will show additional information, like:

- Atomic number: 32
- Period: 4

Here is a list of Elements: https://en.wikipedia.org/wiki/List_of_elements

Note: You can click “Edit” at the top of the table and get a list that has each item of information on a single line. This is easy to copy, paste, and edit to make a list to use in your code.

Alternative lab assignment

Propose an app of your choice that is similar to the one above, but that has a master view displaying some other kind of information, like a list of books or movies. There should be at least 50 items in the master list (TableView) , it should have an index and a detail view that shows some additional information about the items in the master view.

Submission

Beta Version

Post the files listed below in the Beta + Code Review forum:

1. Part 1: Put the screen shots in a document, label each screen shot, and upload the document.
2. Part 2: Zip the solution folder. (Remove the *bin* and *obj* folders before zipping.)

Release Version

Revise your code as needed and upload the files listed below to the Moodle Lab Release assignment:

- Revised versions of items 1 and 2 above.
- A code review done by a lab partner with the “release” column completed by you.