

Lab 7 – Table View App with Master and Detail Views

CS235IM, 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.

Group A: Programming Languages

Create an app that uses a TableView to display a list of programming languages. You should include at least 50 languages. The table will have an index (alphabetical or by date).

Each table cell should display the name of the programming language and some other information, like the year of release. The year (or some other information) can be displayed to the right of the language name, like this:

- Pascal, 1970

When you click (touch) one of the cells in the table, the detail view will be displayed and show additional information, like:

- Chief Developers: Niklaus Wirth, Kathleen Jensen
- Predecessors: ALGOL 60, ALGOL W

Here is a list of programming languages:

https://en.wikipedia.org/wiki/Timeline_of_programming_languages

Note: You can click “Edit” at the top of each 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.

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.