

Lab 5 – Multiscreen App

CS235IM, Intermediate Mobile Application Development: iOS

Introduction

The purpose of this lab is to give you practice using a Navigation Controller.

Part 1: Phone Word Tutorial Exercise

Do the exercise in the Xamarin Guide: [Hello iOS Multi-screen](#).

Take screen shots showing your app running.

Part 2: Add Views to Your App – Group B: Calculator

About screen

Modify the Calculator app you made earlier by adding an “About” scene that contains information about the Calculator. (Whatever info you like: your name and date of writing the app, development techniques used, etc.) Implement this view with a Navigation Controller, but don’t use a Segue between the main scene and the “About” scene, use your own code to open the second scene. There should be a button on the main screen that launches the “About” screen. The “About” screen should have a back-button in its title bar that closes it and takes the user back to the main screen.

Calculation history screen

This scene will display a history of previous calculations. Use a Navigation Controller and your own code to manage navigation to and from the second screen. Implement some kind of interesting transition.

Alternative lab assignment

Propose an app of your choice that uses some kind of navigational control and your own code (not a segue) to switch between a main scene and two other scenes.

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.