

## Lab 6 – Flash Card Simulator

CS235IM, Intermediate Mobile Application Development: iOS

### Introduction

The purpose of this lab is to give you practice using a TabBarController and the AppDelegate.

### Flash Card App

Create an app that simulates flash cards. It will be a Tabbed Application. The first view will simulate the front of a flash card. It will display a question and a way for the users to enter an answer. The second view will simulate the back of the card. It will display whether the answer was right or wrong. If it was wrong it will display the right answer.

You can provide a “new question” button on the first view, or you could have the new question presented automatically whenever the first tab button is selected. The questions can be hard coded or read from a file. You should have at least 10 questions. The questions can be selected randomly or you can present them in sequence (show the next one in the list every time the user gets a new question).

Optional feature: Keep track of right and wrong answers and display the score somewhere (first view, second view, or in an alert).

Alternative lab assignment: Propose an app of your choice that uses the TabBarController to switch between views. Your app will need to send data from one view to the other.

### Submission:

Zip the solution folder and upload it.

Put the screen shots in a document, label each screen shot, and upload the document.