General Instructions: Put the entire app directory into one zip file and submit as an attachment under Content → Homework 4 for this course on the Blackboard Learn system by the above deadline. Note that you may submit multiple times, but only the most recent entry submitted before the above deadline will be graded.

1. For this homework you will recreate the table-based app we designed in class. To help you, I have put together a video to walk you through the steps. Just go to the course website, then Lectures, then the video link next to the Tables lecture. Simply follow along to reproduce the app. If you want to do it on your own, your app should do the following (also see screenshots below).

a. Create two views each with its own view controller class files.

b. The first view has a navigation bar at the top with title “My List” and a right-side button with the plus sign.

c. The first view also has a table view that fills the rest of the screen.

d. The first view controller has an array to hold the strings displayed in the table. Add at least three entries to the array initially (e.g., “Entry 1”, “Entry 2”, etc.). You should create the appropriate table methods to display the elements of the array.

e. The first view controller also implements the ability to delete rows of the table.

f. The second view also has a navigation bar at the top with some title, but this title should be changed to “Add New Entry” via the prepareForSegue when the plus sign is tapped on the first view. The navigation bar also has a left-side Done button and a right-side Cancel button. These two buttons are connected to unwind segues back to the first view.

g. The second view also has an “Entry” label on the left inline with a text field that extends to the remaining width of the view. The Return key should be properly handled to remove the keyboard.

h. Tapping the Done button should result in the new entry being added to the table, assuming the text field entry is not empty. Tapping the Cancel button should result in no changes to the table.
First View in Simulator:

Second View in Simulator: