

Lab 8 –Application Settings

CS235IM, Intermediate Mobile Application Development: iOS

Introduction

The purpose of this lab is to give you practice adding settings and user defaults to an app.

Group A: Add Settings to the Tip Calculator

Modify the Calculator you did in a previous lab so that the user can make the following settings using the iOS Settings app:

1. Tip percentage: This will control the default position of the slider
2. Tax percentage: This will control the default amount shown in the TextField
3. Currency type: Allow users to choose between one of at least three currency types that have different symbols, like:
 - Dollars, \$
 - Pesos, ₱
 - Euros, €
4. Background color: Provide at least three choices.

Provide defaults in the plist file for all of the settings.

Group B: Add Settings to Apparent Temperature Calculator

Modify the Calculator you did in a previous lab so that the user can set the following features using the iOS Settings app:

1. Wind speed: This will control the default position of the slider
2. Humidity: This will control the default amount shown in the TextField
3. Units: Allow users to choose between English or Metric
4. Background color: Provide at least three choices.

Provide defaults in the plist file for all of the settings.

Alternative lab assignment

Propose settings for an app of your choice. There should be a similar number and variety of settings.

Submission:

Zip the solution folder and upload it.

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