

Term Project

CS2351M, Intermediate Mobile Application Development: iOS

Introduction

The purpose of this lab is to give you practice using all the major iOS app programming concepts and techniques you learned during the term.

Proposal

Write an app proposal that consists of a two or three paragraph written description and diagram for each scene in the app.

Requirements

The application will incorporate the following:

- Multiple scenes (views). Data should be passed from at least one view to another.
- Respond to device rotation. Your UI should have an acceptable appearance in either landscape or portrait orientations.
- At least two UI layouts. One for wAny, hAny plus at least one more for another size class combination (or combinations). Even if you just have two layouts, your UI should have an acceptable appearance for all four combinations of size classes.
- Provide a Settings Bundle so that a user can set their preferences for your app through the iOS Settings app.
- Use one or more of the more complex controls or views:
 - Picker
 - Table View
 - Tab Bar

Presentation

You will present a demo of your app and a brief code walk-through on the day scheduled for the final exam.

Submission:

Zip the solution folder and upload it.

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

Use the general code review form to do a self-review of your project.

Note: If your zipped solution file is larger than 10MB, you won't be able to upload it to Moodle. Instead of uploading it to Moodle, you can upload a document with a link to some kind of online storage containing your project (Dropbox, iCloud, GitHub, BitBucket, etc.).