

CSC 308 – Mobile Application Development for iOS
Term Project
(100 points)

Today's Date: Tuesday, November 12, 2013
Due Date: Thursday, December 5, 2013

Overview

In this project, you will design and implement a multi-scene iOS application. You are encouraged to include the techniques that have not been covered in class. Each such technique will be classified as minor, major or significant, and help you earn extra points toward the test average as follows.

- Minor: 1 ~ 2 point (e.g., status bar, scroll view, switches, ...)
- Major: 3 ~ 5 points (e.g., orientation, motion, gesture, ...)
- Significant: 6 ~ 10 points (e.g., networking, Core Data and SQLite, location and map, ...)

The project should contain the following components:

Part I: Problem definition and application design (10 pts) – *Due Tuesday, November 19*

Come up with a mobile application for iOS devices. Write a brief description of the application, including the purpose of the application, major interface components, and how different scenes are related. Also, you should list the techniques that you plan to use in the project but are not covered in class.

Part II: Application implementation (80 pts) – *Due Thursday, December 5*

Use Xcode and apply appropriate APIs to implement the application. *Readme* file should also be part of the project submission.

Part III: Project presentation (10 pts) – *Due Thursday, December 5*

Present the project in class and prepare to answer questions. Failure in answering questions will result in a grade reduction. Powerpoint slides are not required for the presentation.

What to Submit

You will submit the following files to Blackboard.

1. Documentation

- Word, text or pdf files for Parts I.
- *Readme* file to describe how to set everything up and how to run your program.

2. Coding

- Zipped source code for Part II.

If you use any code that you did not write yourself (e.g., you found it on the Web, read it in a book, etc.), you must cite where you got the code. Even if you found code and then modified it, you must say where it came from.