

CSC 491/391 Mobile Application Development for iOS II

Research Paper & Final Project Submission

Due Date: Monday June 5, 2017, 11:59pm

Submit your final project through D2L.

Research Paper

Your research paper should include

- A title
- An abstract
- An introduction
- Several sections discussing the main subject of the paper
- A conclusion or summary
- References

The length of the paper must be between 4-6 pages, single-spaced with font size of 10-12 points for the main body of the text.

Final Project

Your final project should include the following parts

1. Final Project Deliverables (One submission per project)
 - The entire project, including the source code and all resources for building the project. Follow the same procedure as programming assignments.
 - **It is mandatory to use Xcode 8 and Swift 3 for the final project.**
2. Final Project Documentation. Submit a single file in MS Word or PDF. No page limit. It should consist of the following parts:
 - A. A detailed description of your final project, including
 - Description of all the features that have been completed.
 - Screenshots of every screen with explanations.
 - Other related documentations of your project.
 - B. **For team projects.**
 - A list of the specific contributions by each team member.

Paper Presentation and Project Demo

All students will be required to give a presentation of the research paper and a demo of the final project.

For in-class students, the presentation and demo will be on Monday June 5, 2017, from 5:45pm to 9:00pm. Each student will have a total of 10 minutes for the presentation of the paper and the demo of the final project. For team projects, both members of each team must be present.

On-line students are encouraged to do the presentation and demo during the same period as the in-class students if possible. Alternatively, you may record a video of your final presentation and demo. You will then submit the video in D2L. On-line students must inform the instructor of your decision on whether you choose to present in-person or by video no later than Sunday June 4, 2017.

Requirements of Presentation and Demo Video

- A presentation video of final paper is required for each student who does not present in person.
- One demo video of final project is required for each project. In other word, only one video for each team project is necessary.
- The maximum length of the presentation and demo video combined: 10 minutes.
- The project demo should be a screen recording with walk through of each screen and each feature of your app with brief commentaries. Audio commentary with your own voice is required.
 - **Video clips without audio commentary will not be accepted.**
 - Make sure that you adjust the volume of the video recording properly so that your voice is clearly audible.
 - Accepted video formats: mov (QuickTime, MacOS), mpeg, avi (Windows).
 - Tools for recording videos: QuickTime on MacOS (included in MacOS)
 - You may choose to upload your video to the cloud, e.g., upload your video to YouTube and submit the link.
 - **Important: I do not accept Adobe Flash videos** (flv, f4v, f4p, f4a, f4b, swf, etc)