

CSC 471/371 Mobile Application Development for iOS

Final Project Submission

Due Date: Monday March 15, 2021, 11:59pm

Submit your final project through D2L.

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 12 and Swift 5.3 for the final project.**
2. Final Project Documentation (Required for all students. For team projects, each member must submit separately). Submit a single file in MS Word or PDF. It should consist of the following parts:
 - A. Final Project Description and Documentation. (No page limit. For team projects, this section will be the same for all team members, and must be submitted by each member.) It should include 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. Final Project Discussion. (Minimum 2 pages, maximum 3 pages, single-spaced. For team projects, each team member must write this section independently. Will be checked for originality.)
 - Discuss what are API features, such as navigation controller, quartz, or gestures, etc., you have used in your final project. Discuss exactly how they are being used. Especially, did you use features that are not covered in the lectures?
 - Discuss some of the biggest challenges you have encountered during the development of the final project. Discuss how they are resolved.
 - Discuss any limitation of your app and how do you think the app can be improved.
 - Discuss any limitation of the iOS SDK and Xcode you have encountered during the final project as well as the programming assignments.
 - Discuss your overall experience as an iOS developer so far.
 - C. **For team projects only. Mandatory.** (Team members who do not submit this section will not get credit for the project.)

- Each team member should provide a list of the specific contributions he/she has made to the team project.

3. Final Project Demo Video (one submission per project)

- A short demo video of your app. (Maximum length 5 minutes.)
 - A screen recording. Walk through 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)