

CSCI 4327 Project Proposal

SoundCloud Utility

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Project Abstract

My goal is to create a SoundCloud application to gain a deeper understanding of iOS programming in Objective C. This application will allow users to record sounds on the go, with the option of uploading it to SoundCloud. Users will also be able to listen to music from artists that have already uploaded songs.

Strategy

The application will be targeted to iPhone devices running iOS 6. The application will be querying the SoundCloud database to pull tracklists and then be able to play and stream the songs on the go. The application will utilize multiple frameworks to create an efficient and useful environment for utilizing SoundCloud.

Unknowns & Problems

I have never done web querying before and this will be one of the first iPhone applications I have created. I know that the API is readily available and there are no usage fees or limits, but I am not yet familiar with it. I understand that I will have to include many frameworks in the project; I will need to learn more about frameworks and find out why and how they will be used.

Implementation Plan

I plan to re-watch the introductory video on programming an iPhone application using the SoundCloud API. I will then research how to create files that can be stored with an application that are retained when the application is closed and then reopened.