

karaokelist

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phase.1

project

A simple iOS application for searching and storing your favorite Karaoke songs.

description

This is an application to search Karaoke song lists and allow users to keep track of their favorite songs. The application is intended to be used by singers to keep track of the songs that they have sung, along with the correct song numbers for the venue that the singer is at. Singers can easily find new songs by searching the song list on their phone.

There are lots of ways that this application can be extended. This prototype is intended to build the framework. Try to stick to the user interface design as much as possible. Functionality is more important than how the applications looks for this release.

tools

This project will use the following tools:

- [Xamarin Studio](#)
- [Xamarin iOS \(Free\)](#)
- [NuGet](#) (for Libraries)
- [NuGet Add-in for Xamarin](#)
- [ServiceStack.NET](#) v3 (via NuGet)
- [GitHub](#)

The app should target iOS 6.0+ and iPhone 4 & 5.

The private GitHub repository for the project is [jlyonsmith/KaraokeList](#). Please request access to this repository. Changes should be done in a separate fork and push requests submitted to the upstream repository, or in a separate branch that can be merged into the repo.

milestones

1: service

Create a service using ServiceStack that will provide Karaoke song lists for a venue.

2: data

Take the sample Karaoke data in the file **songlist.txt** and import it repeatedly into the service under venues called **Test Venue #1**, **Test Venue #2** and so on for testing purposes.

3: app

Create the screens of the iOS app as defined by the UI spec.

4: api

Enhance the web service so that the users songs list data can be saved to the web service.

5: search

Implement the search functionality for songs and venues.

extra time

If you have extra time consider implementing one or more of the following:

- Renumber the songs for one of the venues. Implement a “Match Up” feature that finds all your songs in each venue and adds them to that venues song list.
- Modify the venue search to enable “search near me”