

# SME Test

## Objective:

Develop a last.fm search mobile app

## Features:

- The user must be able to search within the mobile app for either an Artist, album or song with the API provided (At the same time)
- Each keyboard Stroke must trigger a search through the three calls
- Swift Mandatory / Objective-C optional / Both great bonus
- TableView must load 20 results initially and continue loading results upon user scroll down to the bottom not before.
- The user will be able to select the row with will show all the information about the item and provide specified links to the artist or album page.
- If the user taps on an artist (while on a song or album) The app must present a view with the artist info.

## MVP (Minimum Viable Product):

- Utilize programming best practices and good architecture/design decisions as you see fit.
- Show the search results to the user divided in sections (Artists, albums, songs).
- If the song, artist or album has artwork should be displayed on the row along with the name and use the subtitle too:
- Ex: Title: OK Computer subtitle: Radiohead....
- Show info about the Artist, album or song, and any artwork available (if several, swipe to move from one to the next.) on a Detail Screen.
- App Should use Swift
- App should be uploaded to an online Git Repository for version control.
- Credit any and all Third Party Libraries.

## API:

- Sign-up for a last.fm account at <http://last.fm>
- Go to: <https://www.last.fm/api/account/create>
- Documentation:  
<http://www.last.fm/api/show/album.search>