## iOS Developer Assignment

The assignment is simple and straightforward. However, the developer is expected to finish it with his/her highest standard. It is intended to test the developer's software architect skills, design patterns, and coding styles, feel free to use 3rd party framework if you need to do so. It is expected to finish in 3~4 hours.

- Task: Create an app that lets user to search music in iTunes Music. The search results shall be displayed in UITableView and user can play the preview track.
  - Must have
    - 1. Support background playback,
    - 2. Playback without issue evan search new keywords
    - 3. Playback cannot be stopped when device in silent mode

API: <u>iTunes Search API</u>

- Language: Swift

- iOS Deployment Target: iOS 9.0 +

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