# GIF Searcher

Using the [Giphy API](https://github.com/Giphy/GiphyAPI), create an app to be able to search for GIFs.

### Requirements

* GIFs must animate.
* If a gif has ever trended, it should be denoted somehow in the UI.
* The main view should:
  + Show a list of [Trending](https://github.com/Giphy/GiphyAPI#trending-gifs-endpoint) GIFs.
  + Show a search bar so a user can find a GIF.
* After the user searches for a term:
  + You will take the user to a screen where they will be shown a list of GIFs corresponding to their search query.
  + The title of the view will be the term the user searched for.
  + This screen should have a mechanism to only show family friendly gifs (rated y,g, or pg).
* You can use HTTP libraries like [Retrofit](https://github.com/square/retrofit)/[OKHttp](http://square.github.io/okhttp/), [NSURLSession](https://developer.apple.com/library/ios/documentation/Foundation/Reference/NSURLSession_class/)/[AlamoFire](https://github.com/AlamoFire/AlamoFire), but not API clients like [GiphyAndroidApi](https://github.com/Beefsoft/GiphyAndroidApi) or [Giphy-iOS](https://github.com/heyalexchoi/Giphy-iOS).
* Caution: Giphy API may send down height and width properties as a String instead of a float.
* You may use 3rd party dependencies through CocoaPods, Carthage, and Gradle in helping you build your app. If you use CocoaPods or Gradle, please don't commit 3rd party source code.

Your solution should include a README explaining how to set up and run the project.  
Bonus points for a nice and interesting UI.  
Please use [MVVM](https://en.wikipedia.org/wiki/Model%E2%80%93view%E2%80%93viewmodel), and functional programming techniques where possible. Some libraries we enjoy are [RxSwift](https://github.com/ReactiveX/RxSwift), [RxJava](https://github.com/ReactiveX/RxJava), and [ReactiveCocoa](https://github.com/ReactiveCocoa/ReactiveCocoa).  
The following languages are acceptable: Swift, Java, and [Kotlin](https://kotlinlang.org/).

