

# Goopic

Personal project, 2014 & 2016

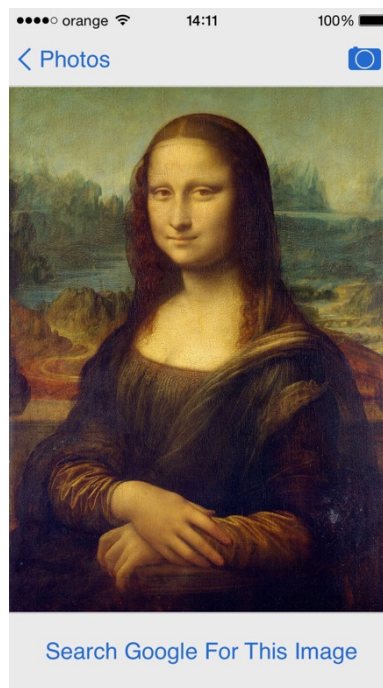
Environment: Xcode, Objective-C, iOS 7, iPhone

Frameworks: UIKit, CoreGraphics, AssetsLibrary, AVFoundation, CoreData, CoreImage, AFNetworking, ImgurSession

Shared project: <https://github.com/andreimarincas/goopic>

Demo video: <http://youtu.be/A3sg31TyACI>

Goopic is an app that makes it easy to search iPhone's images from Photos on the internet. It shows a collection-view of all the photos stored on the iPhone and offers a 'Search Google for this image' feature.



Main features:

- Show all photos in a collection view. Handle permissions, photo selection and listen to updates.
- Custom camera view-controller with AVFoundation to snap photos
- Custom view-controller transitions
- Search the selected image on the internet using AFNetworking request, Imgur image server and Google Search API
- Cache recent image searches using Core Data

In order to search an image on the internet using the Google Search API, I first had to upload the image to a server (Imgur in this case). I achieved this using AFNetworking and implemented two classes that work together, the GPImgurManager and GPSearchEngine.