

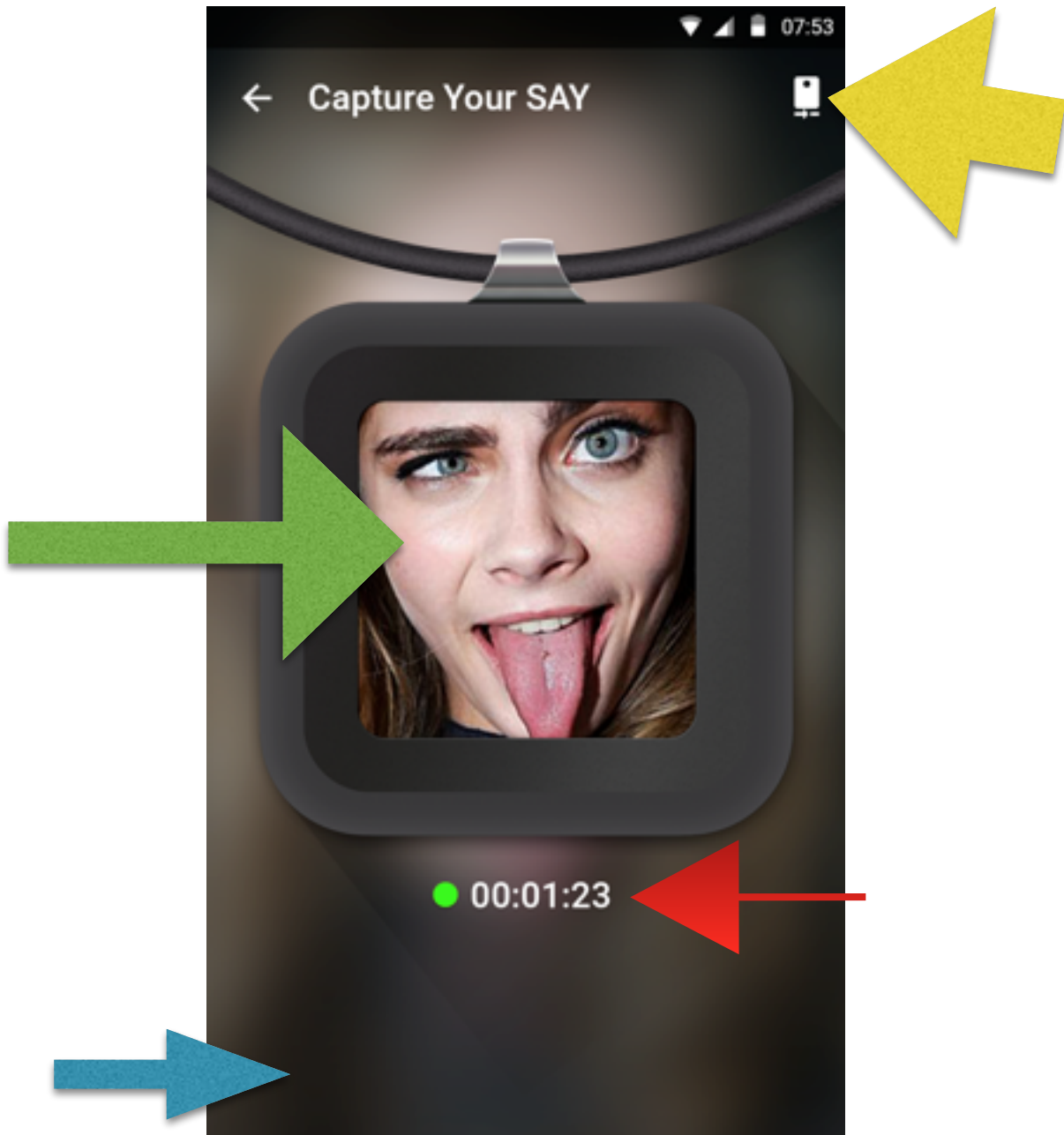
IOS Camera test

Object: test camera api knowledge.

Language: Swift 2

Target OS: iOS 8+

The idea is to create a simple app the uses the camera api to allow the user to create a short video clip using either the front or rear camera and the apply some transformations to the resulting video.



The view is in portrait mode only and composed of the following:

#### Video Preview:

This should display a preview of what the camera can see - **Cropped at a 1:1 ratio**

So although the source video is either portrait or landscape the preview displays the centre **Square** of the source

### Camera select:

A simple toggle Bar button item allowing the user to switch between the two phone cameras

### Blurred background:

The background will display a blurred preview of the same source video being displayed in the preview area, although it will use the **original source ratio** and will extend to fill the entire background.

### Action area:

Starts off as a simple **record** button. when the user taps the recording starts and the duration is displayed. when the user re-taps the recording stops and processing begins.

Once the user completes the recording the video will be post-processed to create a final video from the cropped area displayed in the preview (centre 1:1 ratio crop) and will be downsized to 300x300 pixels and save tho the gallery.