

## PROJECT

## MemeMe 2.0: The Final Product

A part of the iOS Developer Nanodegree Program

## PROJECT REVIEW

## CODE REVIEW 8

## NOTES

## Meets Specifications

SHARE YOUR ACCOMPLISHMENT

Nice work, keep it up! 🎉



## General

- ✓ The app has three pages of content: Meme Editor, Sent Memes, and Meme Detail.
- ✓ The Sent Memes page is displayed when the app launches.
- ✓ Control statements ( `for` , `while` , `if` , `else` , `switch` ) are used appropriately.
- ✓ Potentially repetitive blocks of code are effectively abstracted into reusable methods.  
No repetitive blocks of code were found.
- ✓ Arguments and return values are procedure-appropriate.
- ✓ Code is easy to understand. Any code that may be hard to follow is commented effectively.  
The code is easy to understand and well-commented.
- ✓ Code adheres to [Swift naming and style conventions](#).
- ✓ User interface elements, images, and generated memes are properly displayed and function as expected in portrait as well as landscape orientations.

## Meme Editor

- ✓ The Meme Editor view has a toolbar with two buttons: one that allows user to open the Photo Album to select an image, one that launches the camera.
- ✓ The app displays the image picker when the Album button is pressed.
- ✓ The app displays the camera when the Camera button is pressed on a phone.  
The app does display the camera when the Camera button is pressed on an iPhone.

- ✓ The Camera button is disabled when app is run on devices without a camera, such as the simulator.

The Camera button is disabled when the app runs on the simulator.

- ✓ The chosen image from the camera or the photo album is displayed and scaled properly with `AspectFit` to fit the device screen.

- ✓ Text fields are provided for top and bottom text.

- ✓ The font and style used to display the meme text is easy to read: bold, all caps, white with a black outline, and shrink to fit.

A custom font (Impact) was added.

- ✓ The text field that the user is currently editing remains fully visible with the keyboard on screen. For the bottom text field this is achieved by moving the entire view up to keep the text field on screen, then back after the keyboard is dismissed.

- ✓ The Meme Editor uses the Cancel button to return to the Sent Memes View.

- ✓ The app has a social share button that uses the “Action” icon built into iOS.

- ✓ The share button launches the Activity View.

- ✓ The meme is saved before the Activity View Controller is dismissed.

- ✓ The `Meme model` is a `struct` that includes:
  - two `strings` representing the top and bottom text
  - the original image
  - a memed image combining image and text

## Sent Memes

- ✓ The app shows all sent memes in a tab view, with table and collection tabs.

- ✓ Both a table and a collection of memes are displayed.

- ✓ Upon selection, an appropriately sized and scaled Meme Detail view displays the meme.

- ✓ The detail view slides in from right to left, and a back arrow in the top left corner leads back to the table/collection.

[↓ DOWNLOAD PROJECT](#)