



UDACITY

## Project 2B: MemeMe: Finished Product

iOS Developer Nanodegree

**Note: When you submit version 2 of MemeMe, please ensure that the Student Notes have a link to your completed version 1 project review! Your version 2 submission cannot be reviewed otherwise.**

Criteria	Does Not Meet Specifications	Meets Specifications	Exceeds Specifications (Completely Udacious)
General			
The app has three pages of content: a Meme Editor, Sent Memes, and Meme detail. The Sent Memes page is displayed first.	<ul style="list-style-type: none"><li>• One or more of the required pages is missing: Meme Editor, Sent Memes, or Meme Detail.</li></ul>	<ul style="list-style-type: none"><li>• The app has three pages of content: Meme Editor, Sent Memes, and Meme Detail.</li></ul>	<i>Not Applicable</i>
The Sent Memes page is displayed first.	<ul style="list-style-type: none"><li>• The Sent Memes page is not the first page displayed when the app launches.</li></ul>	<ul style="list-style-type: none"><li>• The Sent Memes page is displayed when the app launches.</li></ul>	<i>Not Applicable</i>
Code is at a professional quality level, uses control statements, methods, and commenting appropriately and effectively. Code adheres to Swift naming and style conventions ( <a href="https://github.com/github/swift-style-guide">https://github.com/github/swift-style-guide</a> ).	<ul style="list-style-type: none"><li>• Control statements (for, while, if, else, switch) are not used appropriately.</li><li>• Code contains unnecessary repetition not contained in a method.</li><li>• Arguments and return values are inappropriate for their method's purpose.</li><li>• Code is not adequately commented.</li><li>• Code does not adhere to Swift style conventions.</li></ul>	<ul style="list-style-type: none"><li>• Control statements (for, while, if, else, switch) are used appropriately.</li><li>• Potentially repetitive blocks of code are effectively abstracted into reusable methods.</li><li>• Arguments and return values are procedure-appropriate.</li><li>• Code is easy to understand. Any code that may be hard to follow is commented effectively.</li><li>• Code adheres to Swift style conventions.</li></ul>	<i>Not Applicable</i>
Meme Editor			

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.	<ul style="list-style-type: none"> <li>The Meme Editor view is missing one or both buttons.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> </ul>	Not Applicable
The app displays the image picker when the Album button is pressed.	<ul style="list-style-type: none"> <li>The app does not display the image picker when the Album button is pressed.</li> </ul>	<ul style="list-style-type: none"> <li>The app displays the image picker when the Album button is pressed.</li> </ul>	Not Applicable
The app displays the camera when the camera button is pressed on a phone.	<ul style="list-style-type: none"> <li>Pressing the Camera button on a phone does not display the camera.</li> </ul>	<ul style="list-style-type: none"> <li>The app displays the Camera when the camera button is pressed on a phone.</li> </ul>	Not Applicable
The camera button is disabled on devices without a camera.	<ul style="list-style-type: none"> <li>The Camera button is enabled on the Simulator.</li> </ul>	<ul style="list-style-type: none"> <li>The Camera button is disabled when app is run on devices without a camera, such as the simulator.</li> </ul>	Not Applicable
The image from the camera/photo album is displayed.	<ul style="list-style-type: none"> <li>The chosen image is not displayed.</li> </ul>	<ul style="list-style-type: none"> <li>The chosen image from the camera or the photo album is displayed, perhaps not scaled properly.</li> </ul>	<ul style="list-style-type: none"> <li>The chosen image from the camera or the photo album is displayed and scaled properly with Aspect Fit to fit the device screen.</li> </ul>
Text fields for providing top and bottom text are provided. Font is bold, all caps, white with a black outline, and shrink to fit.	<ul style="list-style-type: none"> <li>Text fields are not present.</li> </ul>	<ul style="list-style-type: none"> <li>Text fields are provided for top and bottom text.</li> </ul>	<ul style="list-style-type: none"> <li>Text fields are provided for top and bottom text in a font and style that are easy to read: bold, all caps, white with a black outline, and shrink to fit.</li> </ul>
The view slides up to allow the bottom text field to be shown while typing.	<ul style="list-style-type: none"> <li>The bottom text field is obscured by the keyboard while editing.</li> </ul>	<ul style="list-style-type: none"> <li>The bottom text field is moved during editing and remains legible while typing.</li> </ul>	<ul style="list-style-type: none"> <li>The entire view slides up during editing, and back after the keyboard is dismissed.</li> </ul>
The app has a cancel button that navigates to a view displaying sent memes.	<ul style="list-style-type: none"> <li>The app does not have a way to navigate back to Sent Memes from the Meme Editor.</li> </ul>	<ul style="list-style-type: none"> <li>The Meme Editor uses the Cancel button to return to the Sent Memes View.</li> </ul>	Not Applicable
There is a social share button.	<ul style="list-style-type: none"> <li>The share button is missing or does not use the iOS default "Action" icon.</li> </ul>	<ul style="list-style-type: none"> <li>The app has a social share button that uses the "Action" icon built into iOS.</li> </ul>	Not Applicable
The share button launches the Activity View.	<ul style="list-style-type: none"> <li>The share button does not launch the Activity View.</li> </ul>	<ul style="list-style-type: none"> <li>The share button launches the Activity View.</li> </ul>	Not Applicable

When the share action is complete the meme is saved.	<ul style="list-style-type: none"> <li>The meme is never saved.</li> </ul>	<ul style="list-style-type: none"> <li>The meme is saved before the Activity View Controller is dismissed.</li> </ul>	Not Applicable
Memes are stored using a Meme model.	<ul style="list-style-type: none"> <li>The Meme model is missing.</li> </ul>	<ul style="list-style-type: none"> <li>The Meme model is a struct that includes: <ul style="list-style-type: none"> <li>two strings representing the top and bottom text</li> <li>the original image</li> <li>a memed image combining image and text</li> </ul> </li> </ul>	Not Applicable
Sent Memes			
The app shows all sent memes in a tab view, with table and collection tabs.	<ul style="list-style-type: none"> <li>The app does not show sent memes.</li> </ul>	<ul style="list-style-type: none"> <li>The app shows all sent memes in a tab view, with table and collection tabs.</li> </ul>	In the table view, swiping right to left on a cell brings up a “Delete” button that enables the user to delete a meme.
The table and collection views properly display the memes.	<ul style="list-style-type: none"> <li>The app shows sent memes in a table or collection, but not both.</li> </ul>	<ul style="list-style-type: none"> <li>Both a table and a collection of memes are displayed.</li> </ul>	Not Applicable
Meme Detail View is displayed upon selection.	<ul style="list-style-type: none"> <li>Memes are not selectable or do not launch a detail view when selected.</li> </ul>	<ul style="list-style-type: none"> <li>Upon selection, an appropriately sized and scaled Meme Detail view displays the meme.</li> </ul>	Not Applicable
Meme Detail View slides in from right to left.	<ul style="list-style-type: none"> <li>Memes launch a detail view, but it slides up from the bottom and has no back button.</li> </ul>	<ul style="list-style-type: none"> <li>The detail view slides in from right to left, and a back arrow in the top left corner leads back to the table/collection.</li> </ul>	An “Edit” button launches the Meme Editor.

Once you have a functioning app, consider adding more features to make your app stand out.

Here are a few suggestions:

- User can choose between different fonts.
- App uses “Impact” font.
- User can crop image
- App displays exceptional graphic design