Project Overview

With this first version of MemeMe, students will create an app that enables a user to take a picture, and add text at the top and bottom to form a meme. The user will be able to share the photo on Facebook and Twitter and also by SMS or email.

Why this project?

MemeMe covers many of the major UI components found in essentially every app. It combines them with the camera and social media activity view to create a fun and personal user experience.

What Will I learn?

- Access the Camera and Photo Album using the UIImagePickerController
- Understand how Swift optionals, closures, collections, classes, structs and protocols are used in iOS apps
- Create Actions and Outlets with extremely high proficiency
- Use a UIActivityViewController to share media with Facebook, Twitter, SMS, and Email
- Describe the delegate pattern and give a full account of its importance and uses in iOS classes

Why is this project meaningful to my career?

- Becoming comfortable using a variety of UIControls and stock view controllers is an essential step in becoming an iOS developer.
- Understanding UIKit allows a developer to make educated assumptions about the architecture of apps that they use.
- Mastering UKit fundamentals frees a developer up to learn model-oriented skills like networking and persistence.