Executive Summary

It's been scientifically proven that taking the time to reflect each day on something that you are grateful for can make you happier and healthier. Gratitude journals have been around for a while, but come on – it's 2015. **Moments** is a gratitude journal-style app that encourages users to appreciate the small things in life by curating visually-engaging and social "moments."

Currently, the majority of gratitude journal apps in the App Store cost more than $1.99 and have under 20 reviews. Additionally, many of these gratitude journal apps feature clunky and outdated design, not to mention have difficult user interfaces. Moreover, most of these apps are text based; while some allow you to add a photo in a description, photos serve as merely as complements and afterthoughts. However, with the advent of hugely-popular photo-sharing platforms like Instagram and Snapchat, as well as cultural photo-sharing trends such as #100happydays, it's more important than ever to incorporate visual and social features into apps. There is clearly a gap in the App Store for a well-designed, modern, social, and visually-oriented gratitude journal app. This is where Moments comes in.

Moments prompts users to record every day something they are grateful for. On the home view, users are prompted with the question, "What are you grateful for today?" After entering their text, they are prompted to choose a photo from their photo gallery. In the next two views, users are then given the option to crop and filter their photo, as well as add their previously-entered text in a stylized manner to the photo, and apply a variety of different fonts and colors. The resultant image, called a "moment," is stored to the user's Moments gallery, which presents the user's previously curated moments in a UICollectionView grid view. From this screen, users have the opportunity to zoom in on any previous moments and share them to Facebook.

Moments is implemented with a main tab bar controller that allows the user to initially switch between two tabs – Home and Moments. In a series of segues, users are then taken to the image picker, to the image filters view, to the text effects view, to finally, the Moments gallery. The two image editing views make use of UIScrollViews and UIButtons set with either background images or background colors that allow the user to choose from various filter or text options. Specifically, the image filter view applies native CIFilters to resized thumbnails of the chosen image, presented in a scroll view, in a layout similar to Instagram. The text effects view utilizes a scroll view of UIButtons that showcase either different fonts or background colors, indicating the range of fonts and colors the user can choose from. The date is also stamped on the bottom left corner of the photo. Pressing the "Submit" button on the text effects view triggers a function call that captures a screenshot of the main image view and all its subviews as they currently appear. The screenshot, or "moment," is then added to the Moments gallery. Upon submission, users are reminded to come back the next day to record another moment.