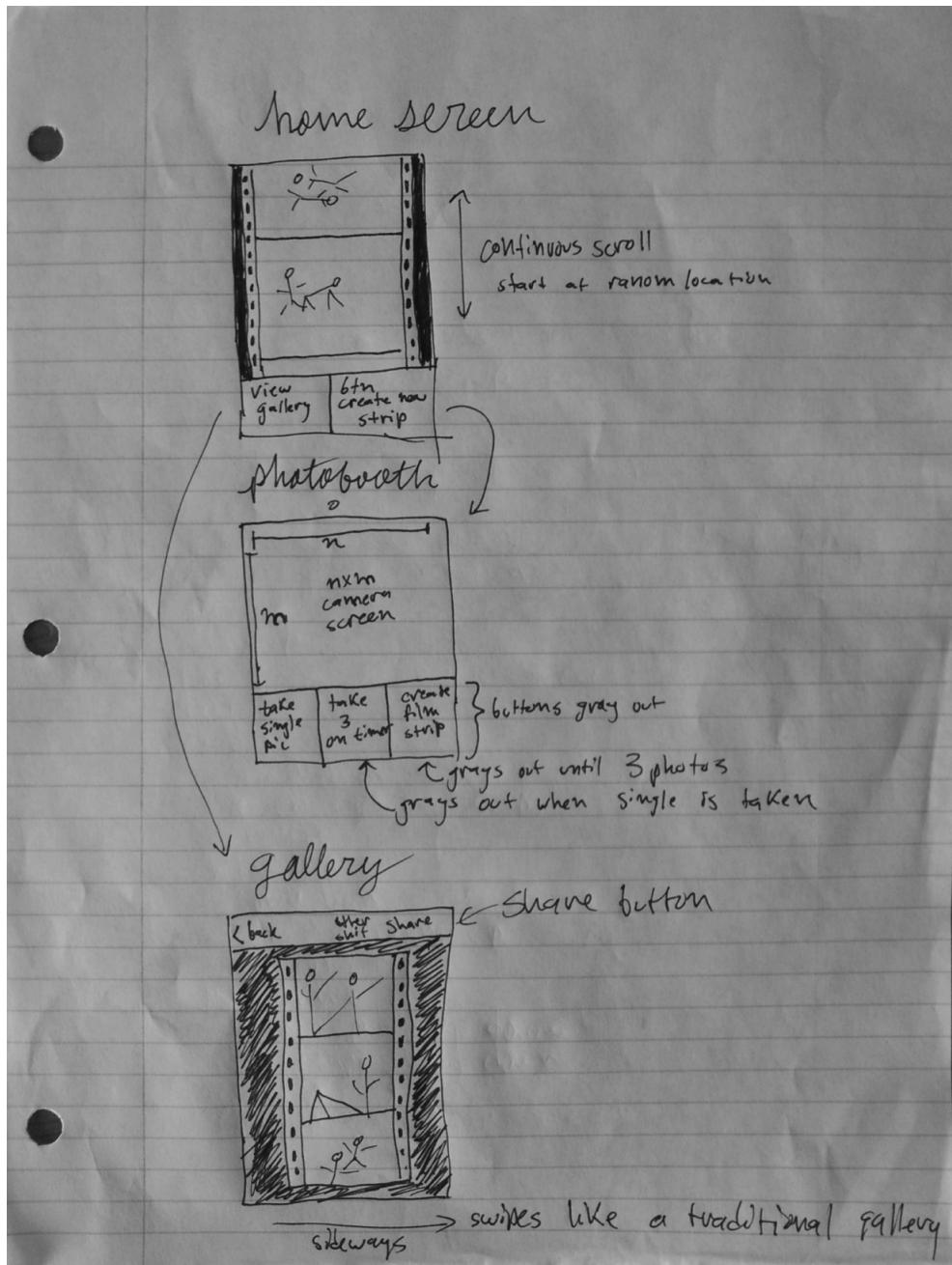


## Design Process Documentation

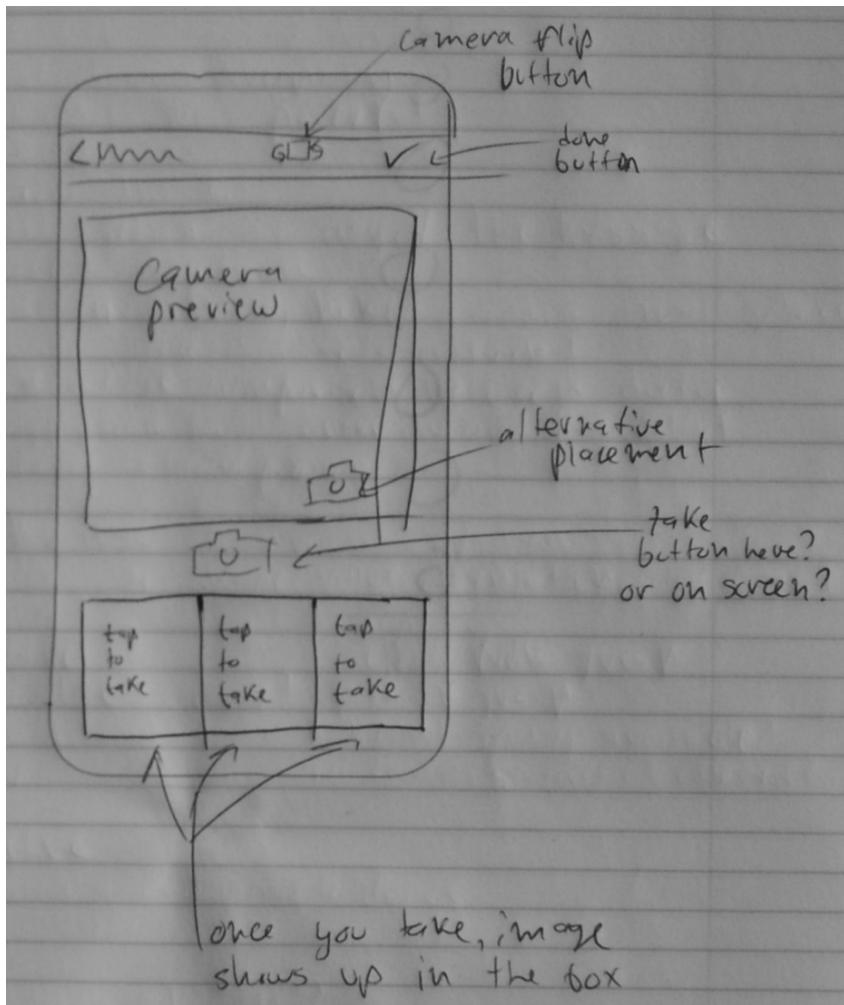
Brainstorming and the very first sketches:



Our primary goal with the home activity was have a continuous scroll of photos in a film strip. We chose to have three photos per piece of a strip because that is how many square photos would fit in our template. Not only was maximizing screen space for displaying the photos, but also the ability to share with all of your friends and family. We

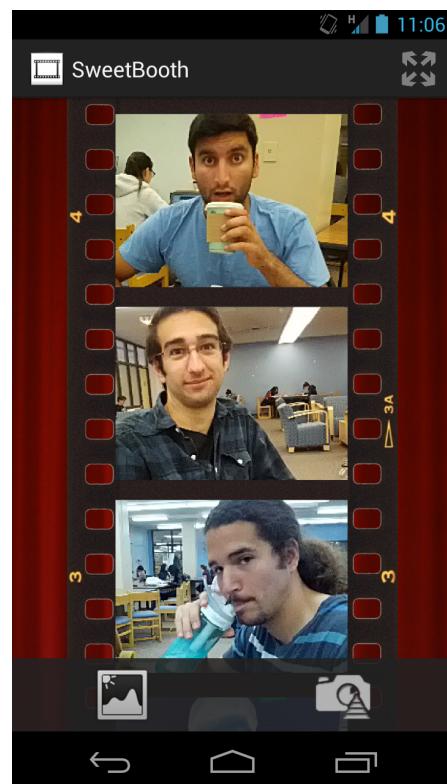
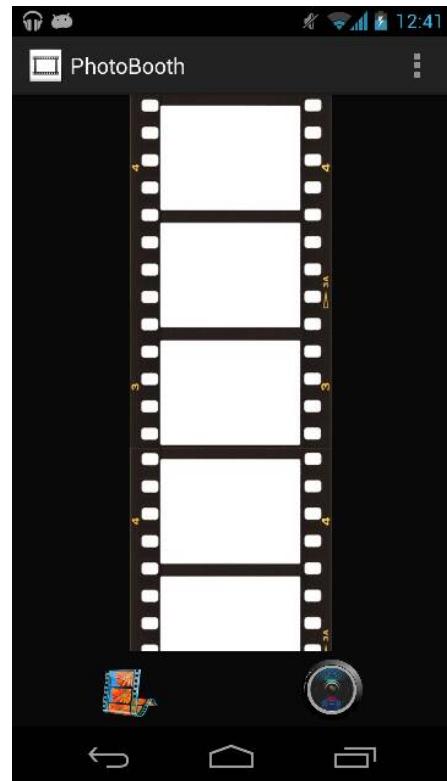
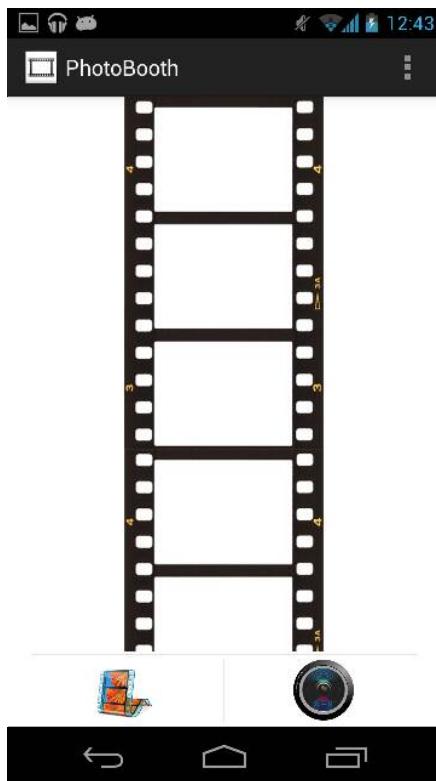
wanted our users to be able to post the film strip on Facebook, Instagram, or message it to their friends in just a few button presses.

Initial camera activity mockups:



Our goal for the camera activity was to allow the ability to take 3 separate photos within a small time period, but allow the user to choose the time period that the photos are taken. If a photo does not turn out how the user expected they can easily retake it by selecting one of the three photos and tapping the camera button again. We wanted to give the user control of when they were done as well, so once all three photos are up to their standards they can tap the "Make Strip" button to compose their three photos into a film strip which would then be added to their film strip feed.

First few application design implementations:



Our application began with just a film strip on a plain background with the camera and gallery buttons. We then proceeded to adjust it such that it was more visually pleasing to the user, as well as provided a quick and intuitive user experience. Areas that guided the user with text were transformed to icons so that the user can easily identify what each button does without having to read any text. We also worked on adding Dialog Fragments and Toasts to help guide the user when a button was pressed.

## **Problem Scenario**

We wanted to bring about a new and novel way to group and view photos. Our solution was to bring the beloved photobooths into the palm of your hand. Our focus was to develop an easy to use application that allowed people to share a series of 3 photos within seconds. Facebook offers you the ability to share albums of 200 photos and Instagram allows you to share 1 photo. BoothMe combines the ability to share a series of photos to depict a story and it allows this to fit on one screen instance of your mobile device. We decided that 3 photos can capture 3 quick moments that relay the status of your current moment to your friends. People love making funny faces with photo sharing apps like Snapchat, but there is no application that combines multiple photos into one providing the user the ability to share multiple funny faces at once.

## User Reviews

"Overall I really like the idea and execution for this app. It is a new and unique approach to the common use of the tablets/smart phones: taking pictures. The interface overall is excellent: I love how simple it is to operate and use, to scroll through past photos continuously and fluidly or individually and it is simple and easy to apply many varieties of filters. However, it is a little confusing when you go to delete a picture, you are given an option to "REMOVE" the picture, which in my experience crashes the app and does not delete the picture, but this can easily be fixed.

I really like how simple and easy the camera feature aligns with the filter for fast unique pictures you can share on other platforms (gmail, twitter, etc). Overall I really enjoyed this app: although there are many types of photo apps, this one has a unique service of creating a filtered change in a classic filmstrip and stringing all of the images together in a continuous fluid gallery.

Overall: 9.5/10

Interace: 9/10 (fix "Remove")

Design: 9/10 (film strip always has "3, 34, 4" .. remove)

Execution of idea: 10/10"

-- ***Michelle Carney***

"Interface Cleanliness - 5

All of the buttons are clean and it looks like conventional Android apps.

App behaves as predicted - 4

Overall everything is pretty straightforward. The only thing I was unsure about was the "flash" button. I wasn't sure how long it would stay on.

General Usability - 5

It is easy to take pictures and there are multiple ways to view them. The ability to share pictures via facebook, gmail, etc is also a nice touch.

Functionality - 4

It is not an app that I would use everyday, but it definitely adds some fun features

when I want to take pictures.

#### UI Performance - 5

Taking the photos and applying the filters is quick and simple.”

-- **Kyle Jorgensen**

“I really like the background of the App, the film strip looks really cool. When making a strip, it would be great if there were numbers highlighting which picture you are currently taking, instead of just a lighter-toned icon. The numbers could change in size. This would be good for when the person first opens the “make strip” task. It is awesome how you can switch between pictures to retake them on the make strip task. Had I not had instruction on how to focus the image, I would not have known to press the focused-on image. A “tips” option on the app may be helpful.”

-- **Elena Allen**

“Pros:

- Very intuitive interface, easy to use
- Can do cool stuff such as take pictures with/without flash and edit them with effects, as well as delete or share these photos
- The flash can also function as a flashlight

Cons:

- Limited to selecting three photos per strip
- Can't jump to a certain photo without scrolling through the ones in between
- More options? (settings)”

--**Justin Phang**

“3 things I like: User friendly, Nice layout, Fun to play around with

Things I don't like: No zoom”

**--Adam Schnee**

"Pros:

Three pictures.

Strip form.

Upload option

Cons:

Themes

Background

Filters."

**--Moaiz Sheikh**

"I thought the app was pretty chill. I think the filter could be more interactive if you could change the filter for each individual picture. You could possibly think of adding more than three pictures per film, and more enhanced graphics to make the app more appealing? Overall the app is pretty straightforward and easy to use. Good shit brudda man."

**-- Tyler Washington**

"It is a pretty app, but I like the idea behind it. With more user friendly adjustments and a couple more features this app can reach the high caliber potential of the most popular apps, but I appreciate the foundation and the structures it involves. The strip looks fun and the background is picturesque."

**-- Austin Geraghty**

"This app is heading in the right direction and I like its simplicity. With everyone today creating videos and sharing their pictures and this app provides users to share multiple pictures in the form of a unique film strip. The novelty this adds to the pictures has

a lot of room for potential and I see the second version having some great improvements that have the potential to outdo other photo sharing apps.”

-- **Adrian Orozco**

“Simple & sleek. A mindless app, which isn’t fully idiot proof yet. Spending about 30 seconds hitting buttons with the intention to break it, I noticed that no notifications were utilized. Particularly when clicking the “finish” type button no notification told the user why nothing was happening. Additionally in the brief time I had with the app I couldn’t figure out how to change the filters. Otherwise, it has the feel of an app I’d expect any to see any run-of-the mill hipster to use as their default camera application.”

-- **Ray Smets**