

## How to Use this Template

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## Submission Instructions

1. After you’ve completed all the sections, download this document as a PDF [ File → Download as PDF ]
2. Create a new GitHub repo for the capstone. Name it “**Capstone Project**”
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# Christopher Merrick

## Description

With the stresses in the world piling up, anxieties and self doubt are everywhere. Now more than ever we need to remind ourselves that everything is ok, we can do it! PositiveReminders allows a user to schedule motivational, and uplifting reminders to be sent during the day. Do you

worry at night? Or maybe midday, PositiveReminders can cater to your anxious schedule. Use your own customized messages or tailor our reminders to fit your situation. We got your back!

## Intended User

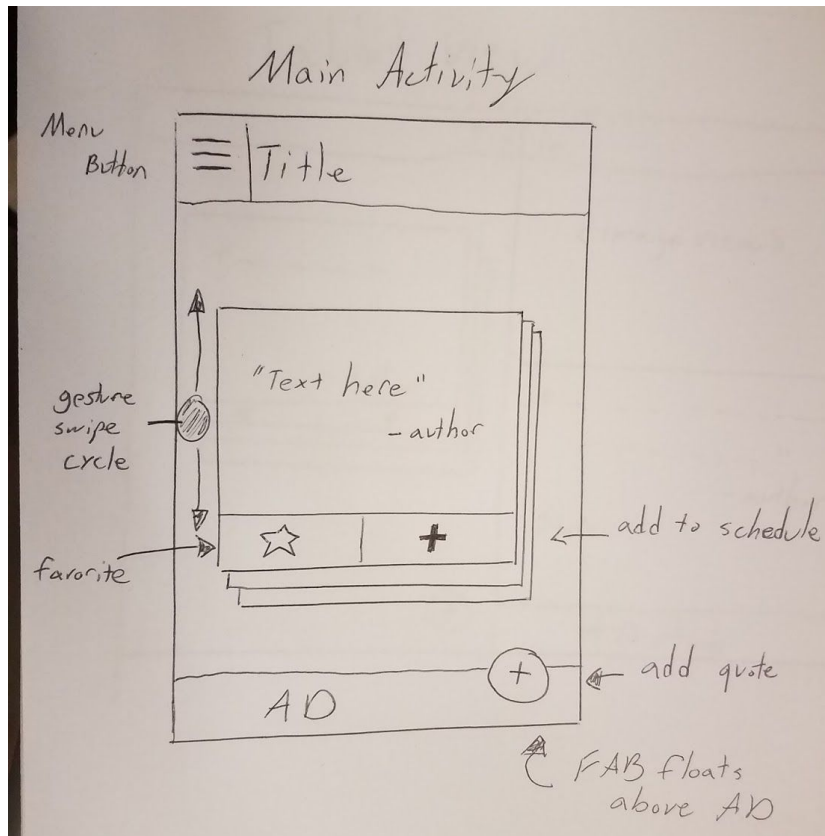
Intended users are those struggling with anxiety, depression, and anyone who just needs a reminder that they are awesome. Having been caught in cycles of anxiety, even I need something to disrupt my thought process, and tell me i am ok.

## Features

- Create personal reminders, or subscribe to the themes important to you (motivational, supporting, reassuring)
- Schedule periods when may need them more, schedule intervals
- Favorite messages and keep them for later.

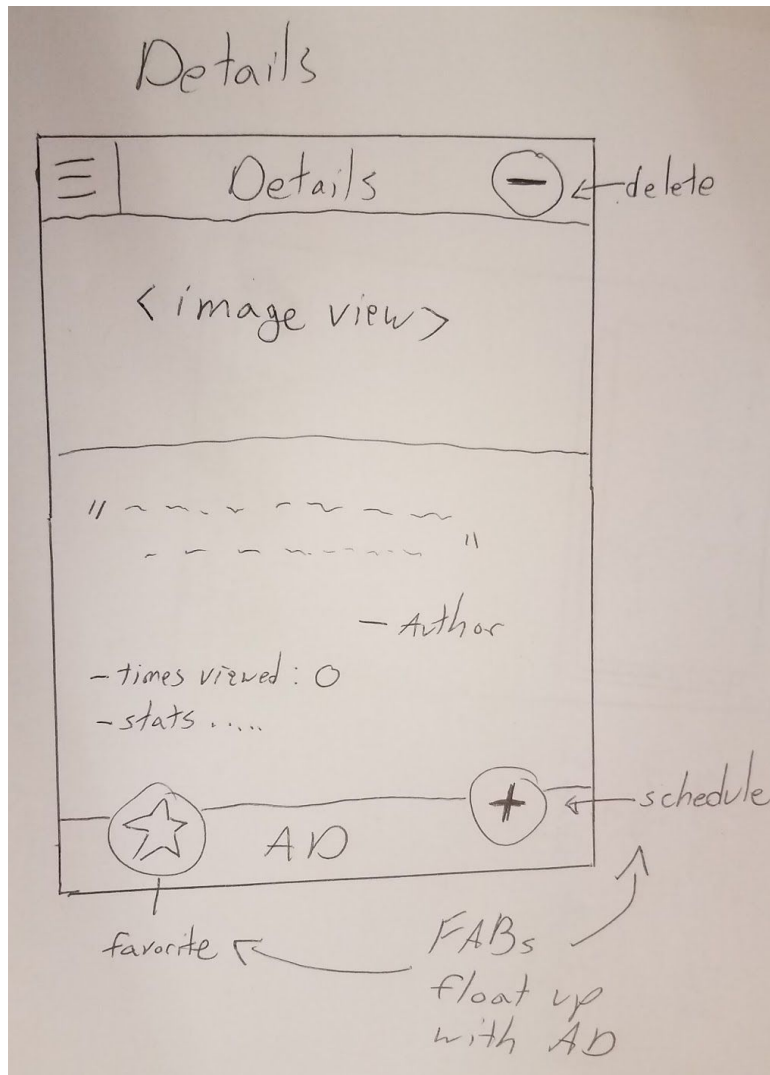
## User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.



## Main Activity

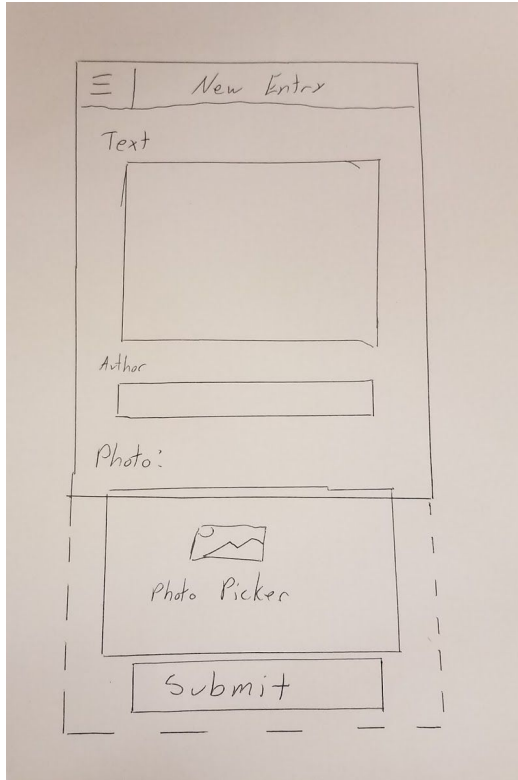
Here is a main activity where you can swipe and cycle between quotes to display. You can favorite them, or add them to a schedule to be displayed. The FAB in the corner allows the user to enter a custom quote.



### Details Screen:

Shows a pretty picture associated with the quote, and the text/author and stats about the quote. Including source, times viewed, etc.

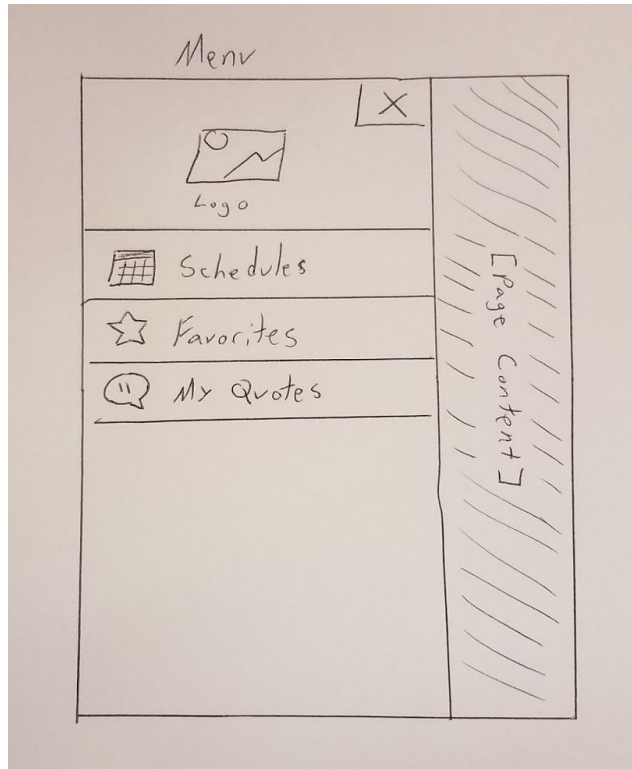
From here 2 fabs can favorite or schedule the quote



### ADD QUOTE:

Text fields for author and quote text. (possibly FloatingHintEditText)

A photopicker section and submit button to add a custom quote. Will be added to "My QQuotes" section. My QQuotes has a similar layout to the main activity, but only includes custom quotes

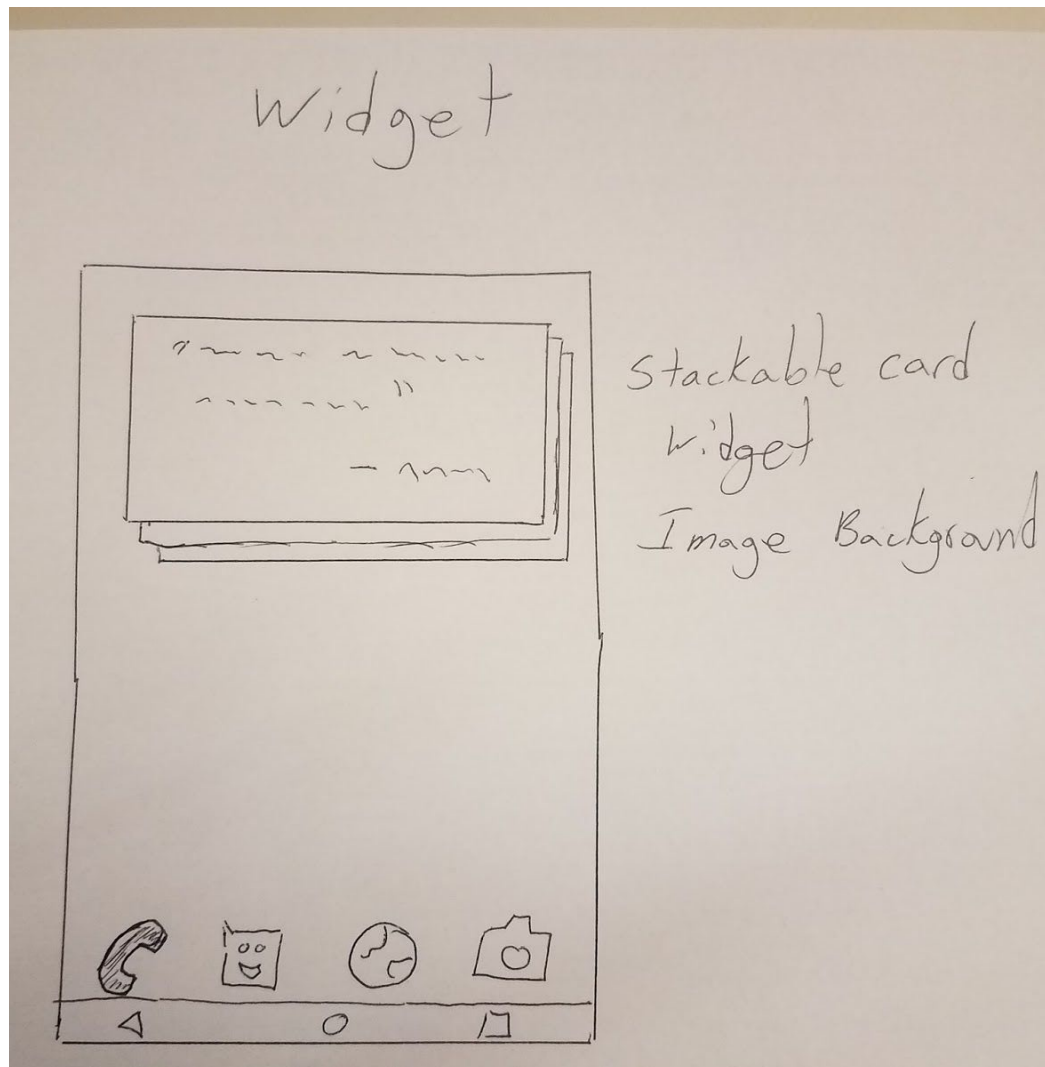


**Menu:**

Side nav menu to show favorites, my quotes, (which use the main activity) and a scheduler where you can choose a time frame to show the quotes.  
Contains pretty picture/logo at the top to be determined.

**WIDGET:**

Shows a widget on the homescreen with a stackable card view



## Key Considerations

How will your app handle data persistence?

Use a content provider to store motivational information, favorites, and custom messages.

Describe any corner cases in the UX.

Clicking a notification should take the user to a details screen.

**Describe any libraries you'll be using and share your reasoning for including them.**

Possibly retrofit for API calls, and Glid for Image loading.

**Describe how you will implement Google Play Services.**

ADDED:

Google analytics will be used to show where users visit the app most, and AdMob will be added for revenue.

If needed, firebase online database may be used, but most quote data will probably be API or local.

## Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

### Task 1: Project Setup

Write out the steps you will take to setup and/or configure this project. See previous implementation guides for an example.

1. Import libraries
2. Find a good sample of motivational quotes and images to display

### Task 2: Implement UI for Each Activity and Fragment

List the subtasks. For example:

- Build UI for cycling through quotes (Main Activity)
- Build side menu to view
  - Favorites
  - Schedules
  - Add new quote
  - Settings
- Build add new quote screen
- Build preferences screen (types of quotes, intervals, etc)



- Build Schedules Screen
- Build Details screen.

### Task 3: Create Content Provider

- Create content provider
- Populate with data
- Hook into activities

### Task 4: glide setup

- Add glide to pull in calming images

### Task 5: Add Business Logic for displaying data

- Programming logic to show notifications
- Adding schedules
- Favorites
- etc

Add as many tasks as you need to complete your app.

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