GitHub Username: GurpreetSK95

Motivation Daily

Description

Motivation Daily provides it users with motivational and inspirational quotes from famous authors, writers and personalities.
Users can go through collection of quotes from famous personalities, or choose to view quotes randomly selected by the app.

Intended User

The app is intended for anyone who wants to stay motivated throughout the day, or wants to go through quotes by famous people and learn more about them.

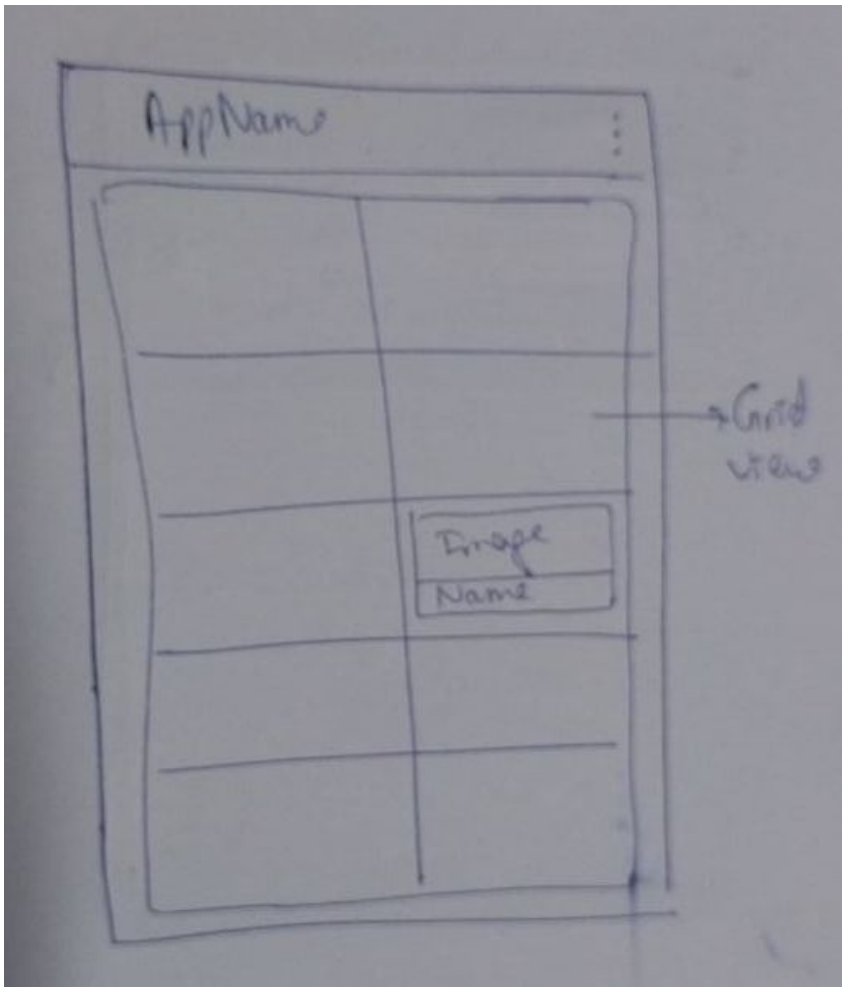
Features

The major features of the app include:

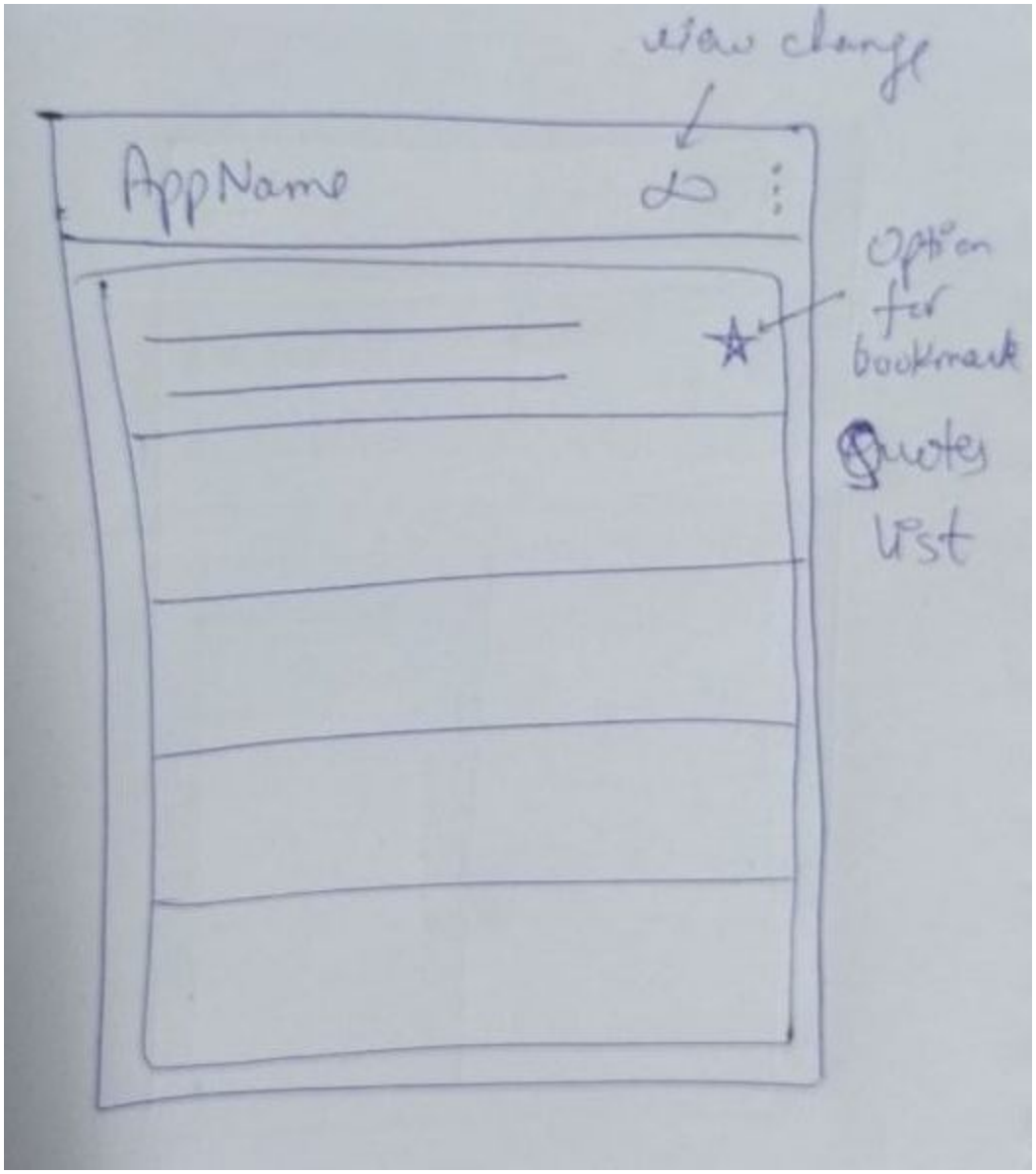
- Saves quotes the user likes
- Joyous and bright user Interface
- Ability to add missing quotes
- Timely notifications
- Widget to show quote of the day

User Interface Mocks

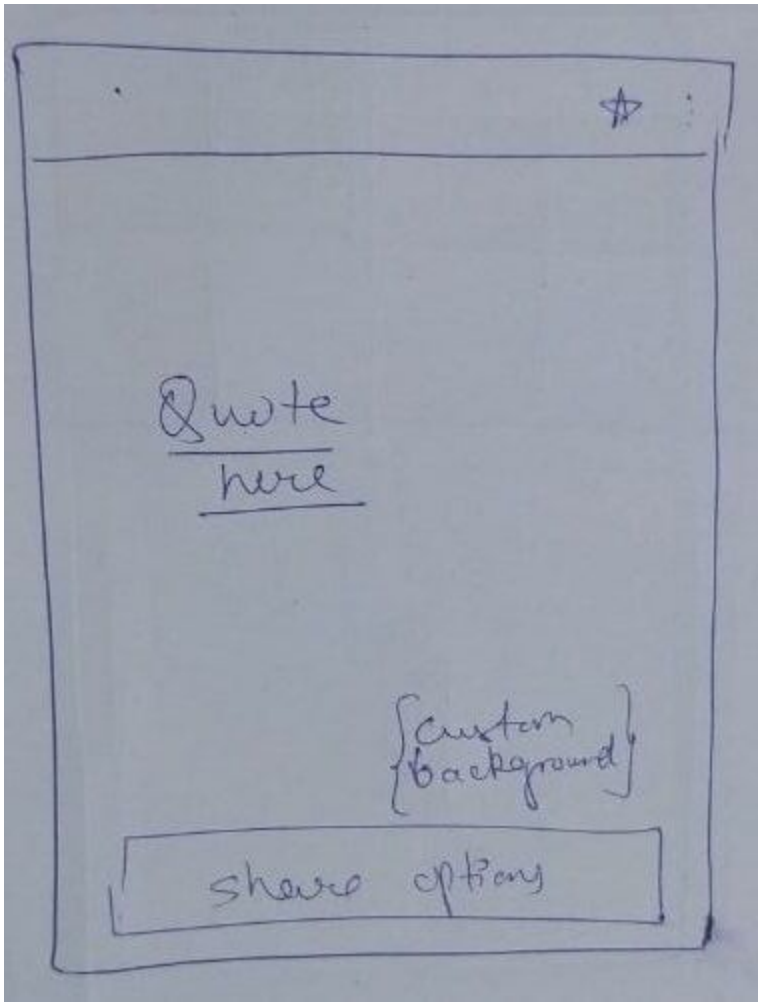
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.



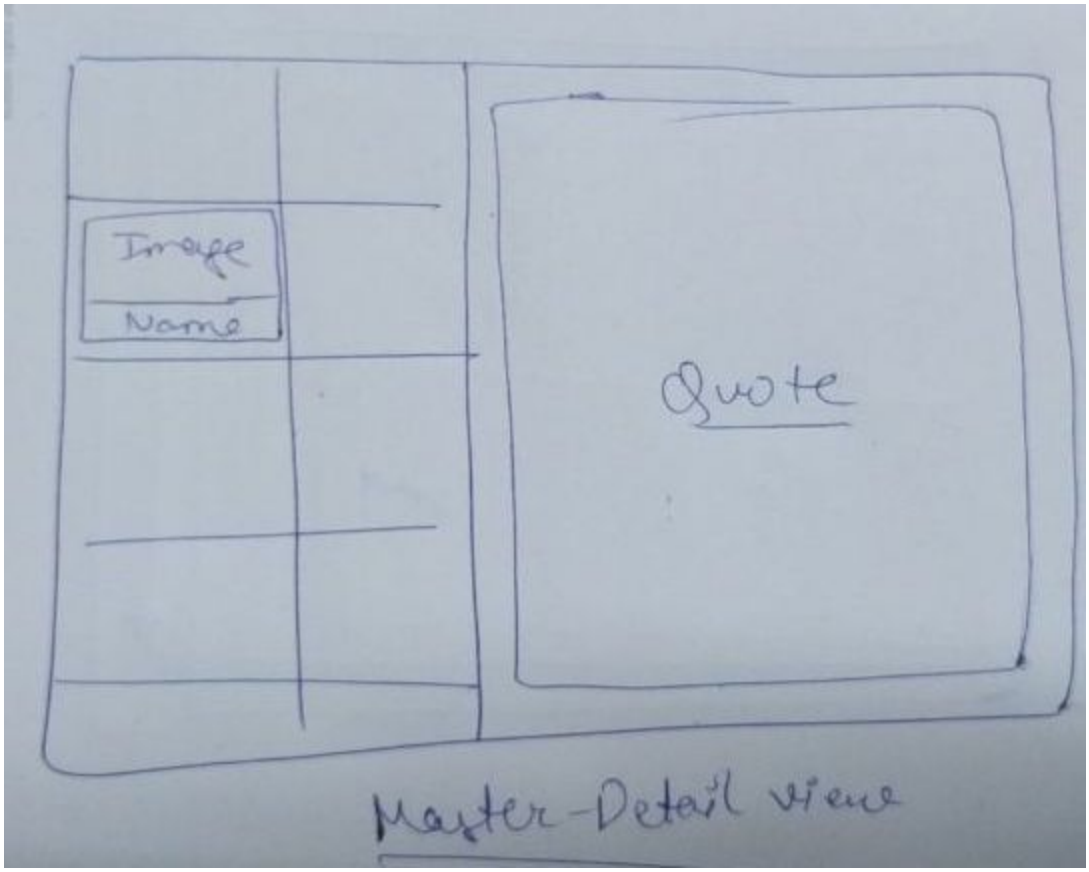
The first screen shown to the user. This has all the authors



The Second screen. All the quotes are shown here



This screen shows the quote to the user, along with sharing options



Master-Detail layout for tablets

Key Considerations

How will your app handle data persistence?

The data will be stored using content providers in an SQLite database

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

I'll be using Simple SQL provider for generating content provider code, Glide for simplified image loading, Butterknife for view binding and Canary for detecting memory leaks.

Describe how you will implement Google Play Services.

I'll be using Firebase services for the backend infrastructure, analytics, crash reporting and storage.

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

Before beginning with the task, I'll write a scraper to scrape the quotes for the database. Once that is done, the first task would be adding dependencies for using firebase in the app project.gradle file. The other dependencies include SimpleSQLProvider and glide.

Task 2: Implement UI for Each Activity and Fragment

Subtasks:

- Build UI for MainActivity
    a. Create gridview to show all the available personalities
    b. On click, the view showing all the quotes by the person is shown
- Build UI for quote
    a. The quote will be shown to the user with options to share via intent
    b. Option to save the quote for offline access
- Build Settings activity
    a. Allow users to turn notifications on or off

Task 3: Handle user navigation

- This task will deal with user's ability to navigate from one quote to another using swipe gestures

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

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**"
3. Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"