

Daily Pulse Application Documentation

Mobile App Dev (Android)
Project Report
Course: 2024FA-CIS-2818-O1531
Name: Viktor Shkrivani
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Introduction

The **Daily Pulse** app is a user-friendly mobile application designed to help users manage their daily notes, explore inspirational quotes, and navigate effortlessly through various features. The app includes functionalities such as storing notes using a local SQLite database, dynamically fetching quotes via an API, and providing seamless navigation between activities like "My Notes," "Explore," and "About." Designed with simplicity in mind, the app ensures an intuitive user experience with its clean interface and responsive controls. Whether tracking moods and notes or seeking inspiration, Daily Pulse offers a reliable platform that combines practicality and creativity for its users.

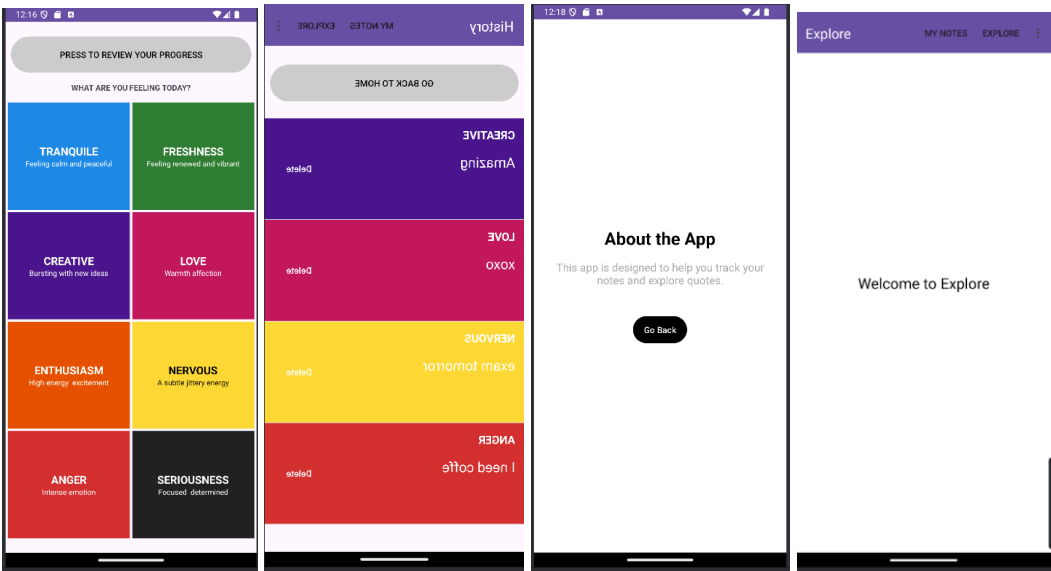
Features and Description

The application includes the following key features:

- 1. Notes Tracking: Users can add, view, and delete their notes categorized by mood.
- 2. Explore Quotes: Users can explore motivational quotes fetched from an API.
- 3. About Page: Provides information about the app and its purpose.

Screenshots

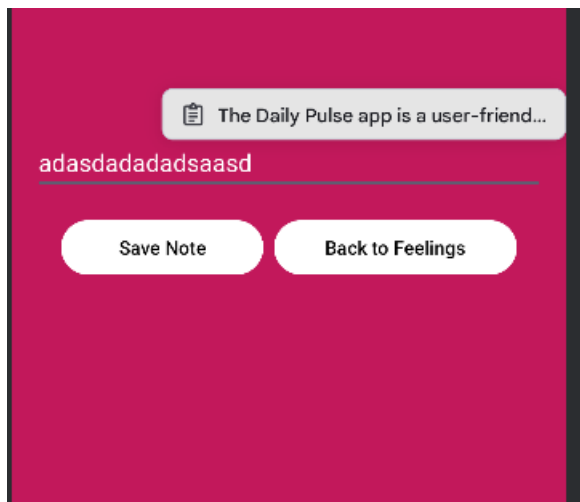
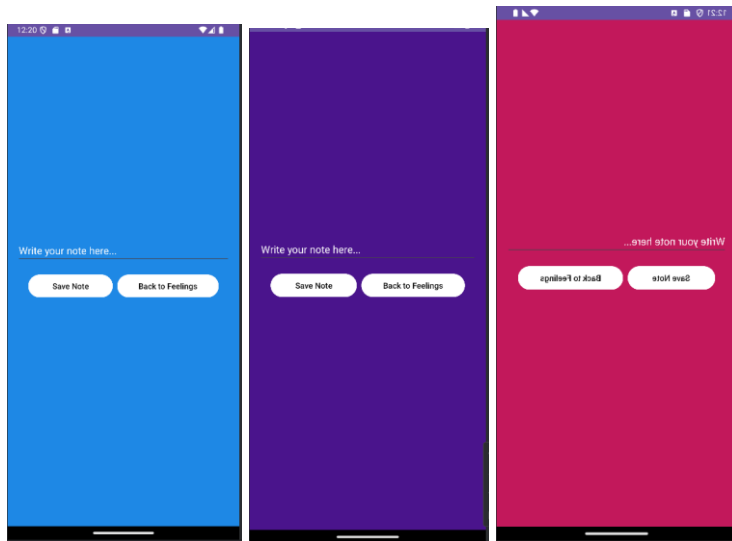
The following screenshots illustrate the different activities and features of the app.



Main Activity

Screenshot of the Main Activity where users can select a mood and input notes.

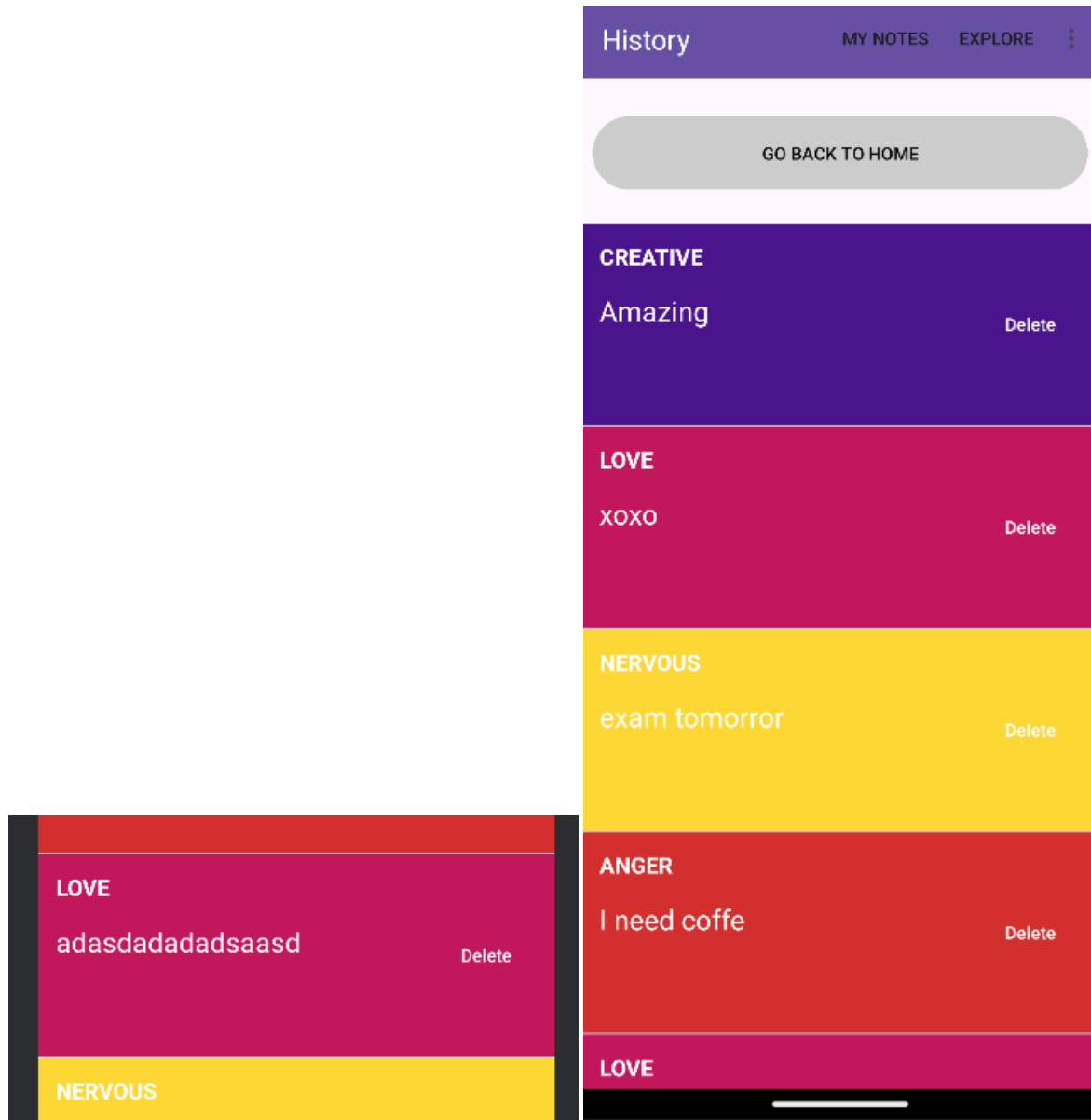
In the Main Activity, users can select a mood by pressing on a color that resonates with their feelings. Each mood is represented by a unique color to visually capture the user's emotional state. After selecting a mood, users can write down a note to express themselves. This feature encourages self-reflection and emotional well-being, as writing thoughts and feelings can be a therapeutic way to process emotions and gain clarity. The Daily Pulse app provides a safe space for users to express themselves and document their journey.



History Activity

Screenshot of the History Activity displaying a list of notes.

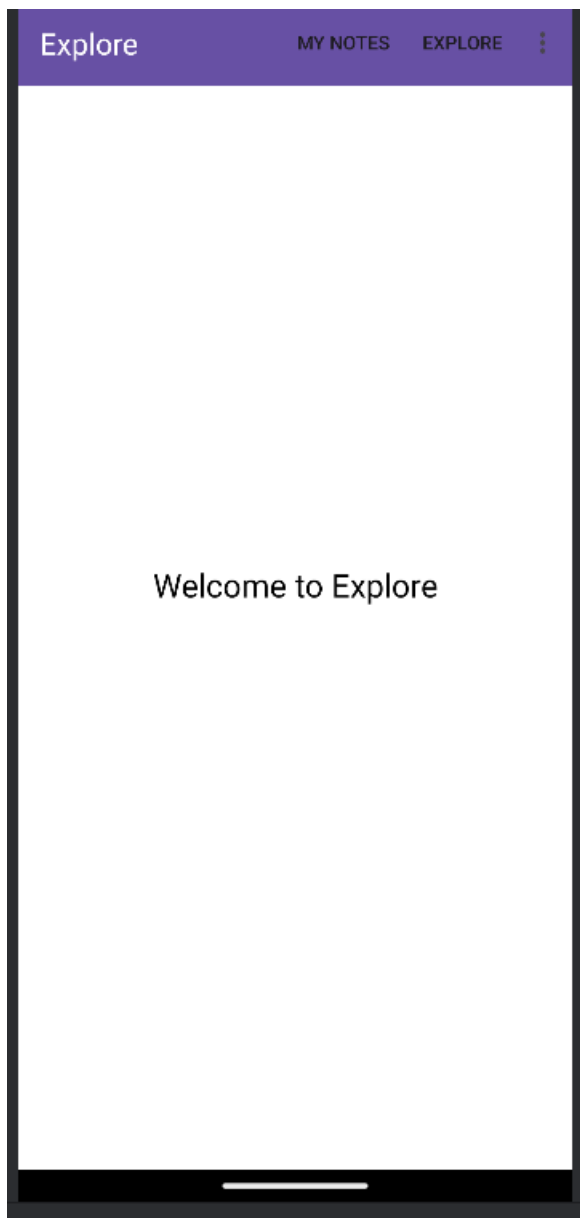
In the History Activity, users can view all their previously saved notes, conveniently organized by the mood selected at the time of creation. Each note is displayed with its corresponding mood color for easy identification. The interface provides functionality to delete notes, allowing users to manage their entries efficiently. This activity serves as a personal log, enabling users to reflect on their past thoughts and emotions or keep track of important ideas and reminders.



Explore Activity

Screenshot of the Explore Activity fetching and displaying quotes.

The Explore Activity was designed to integrate an external API to fetch and display inspirational quotes in a similar format as the "My Notes" section. While the API integration could not be fully implemented due to limited resources or accessibility issues, the framework for the activity has been included in the app. The Explore menu option leads users to this screen, maintaining consistency with the overall user experience. The intent was to enhance the app by providing dynamically fetched content, offering users a source of daily inspiration. Future iterations could easily build upon this foundation to integrate a functional quotes API.



Prototype

Figma screenshot

Before developing the app, I started by designing a prototype in Figma to map out the user interface and user experience. This allowed me to visualize the navigation flow and functionality before implementing the code.

