FLUTTER PROJECT

INKSOUL-DIGITAL JOURNAL

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InkSoul

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Get Started
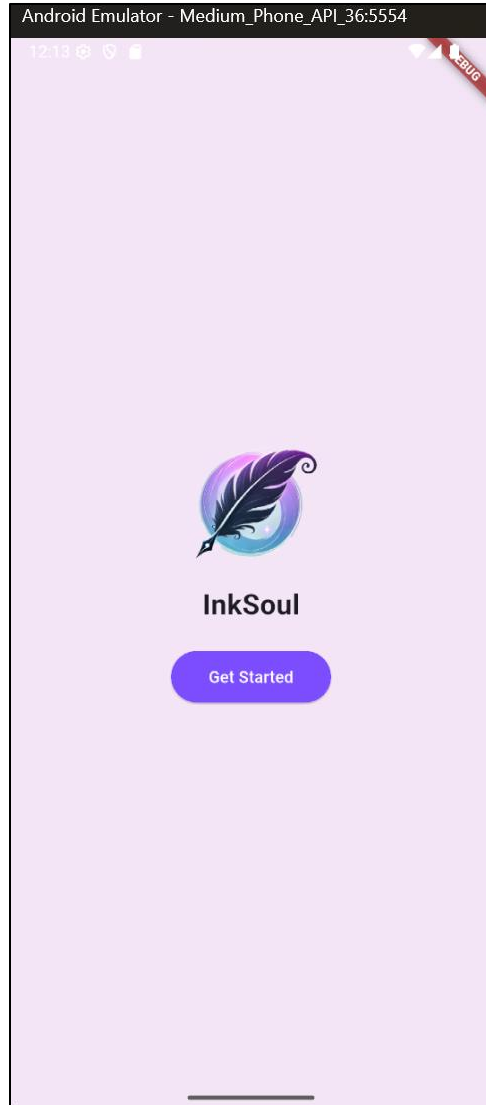
- InkSoul is a **Flutter-based android journaling app** that allows users to capture their daily thoughts, moods, and reflections in a seamless and intuitive interface.

- The app provides a rich writing experience while integrating features like **mood tracking, quote inspiration, and bilingual support.**

- Users can **write, save, and revisit** their past entries,and even **delete** unwanted ones.

- InkSoul leverages **Firebase Firestore** for secure data storage and retrieval, ensuring a smooth and synchronized experience across devices.

- The app's elegant UI, featuring a soothing **purple theme**, enhances the writing experience, making it an ideal companion for anyone looking to cultivate a journaling habit.
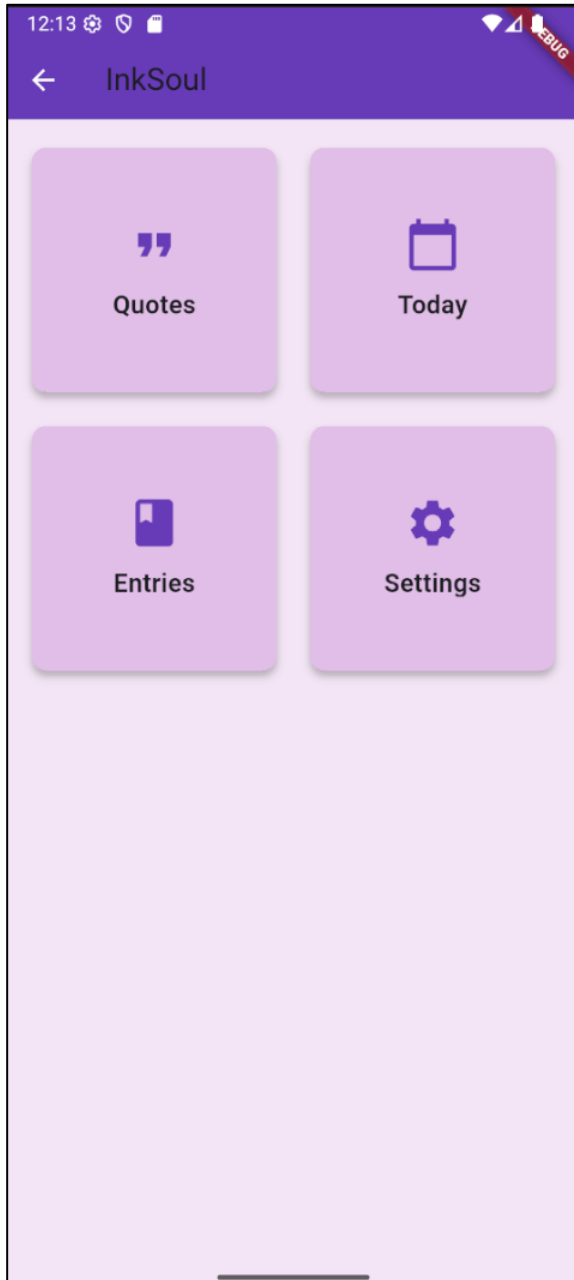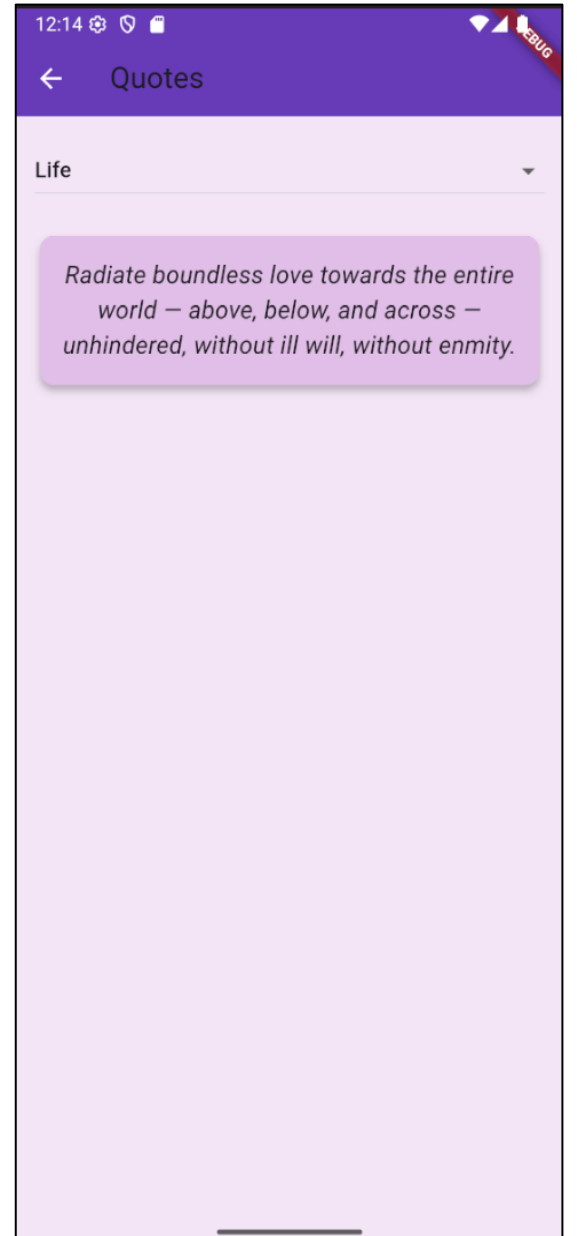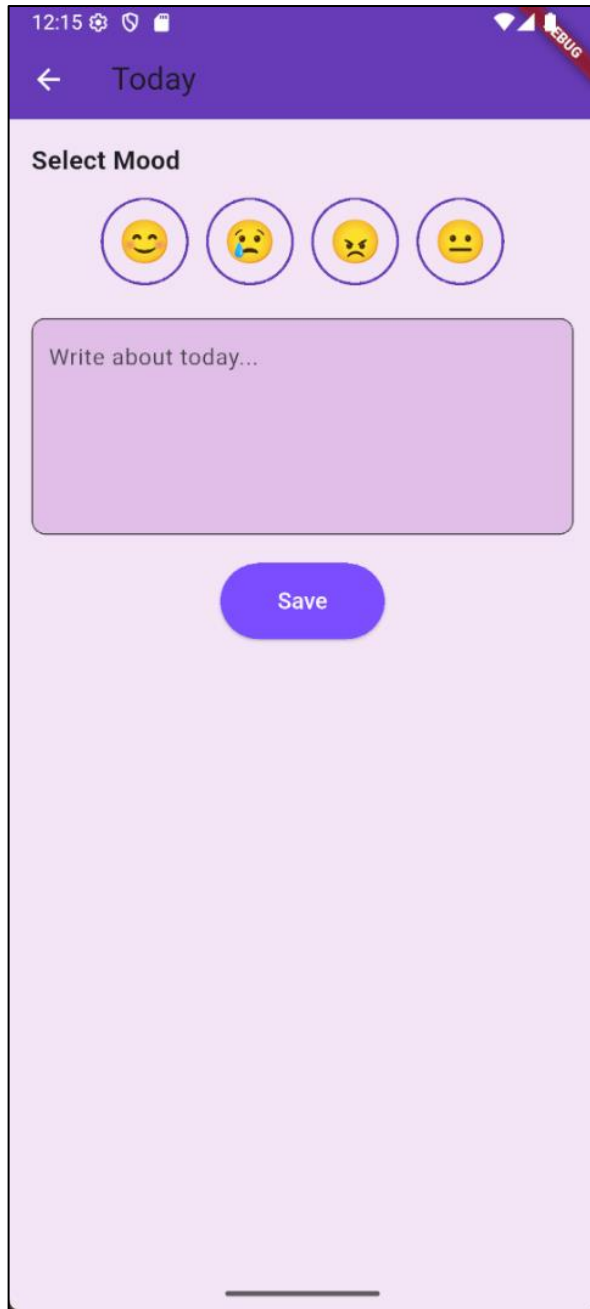
Home Page

- Upon clicking **Get Started**, users are navigated to the **home page**, where they can explore the app's core features, presented as **card components** for an intuitive experience.

- The home screen consists of four main sections: **Quotes, Today, Entries, and Settings**.
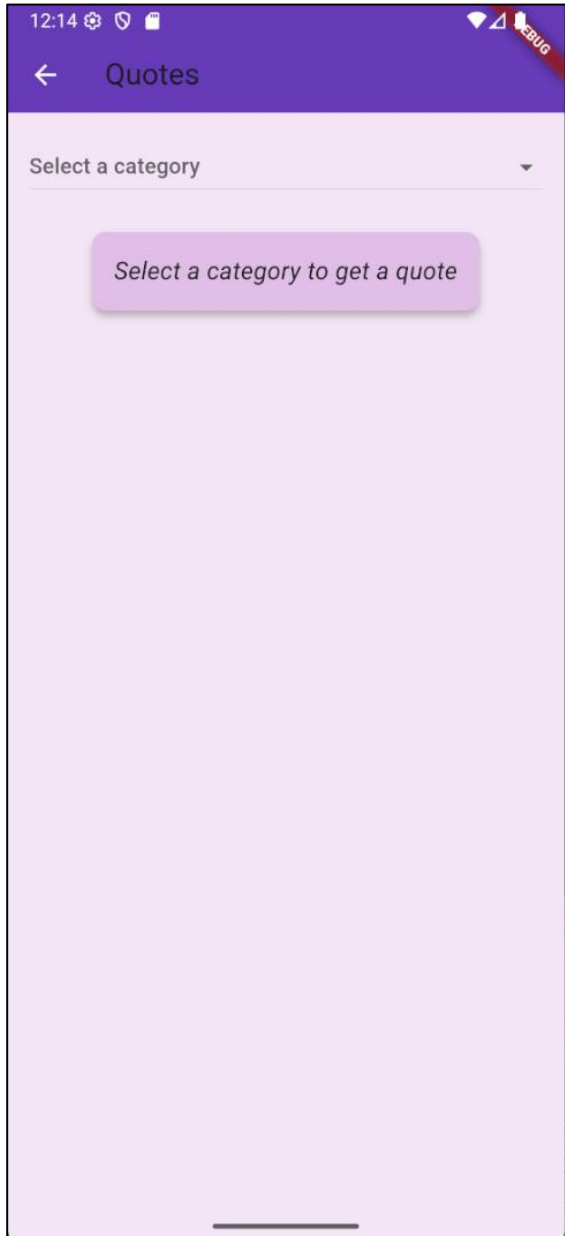
Quotes Page

- The **Quotes** page features a **dropdown menu** that allows users to select from various **categories** such as love, life, inspiration, happiness, success, and more.

- Upon selecting a category, a **quote related to that theme is fetched** from an **external API** and displayed on the screen.

- This functionality enables users to discover meaningful and motivational quotes tailored to their interests.

Select a category

Select a category to get a quote

Life

Radiate boundless love towards the entire world — above, below, and across — unhindered, without ill will, without enmity.

Today Page

- The **Today** page allows users to **select their mood** from a set of predefined options and **write about their day** in a text entry field.

- This feature provides a simple and intuitive way for users to log their daily experiences and emotions.

- Once the entry is written and saved, it is **securely stored in the Firebase database**, ensuring that users can access their past reflections anytime.
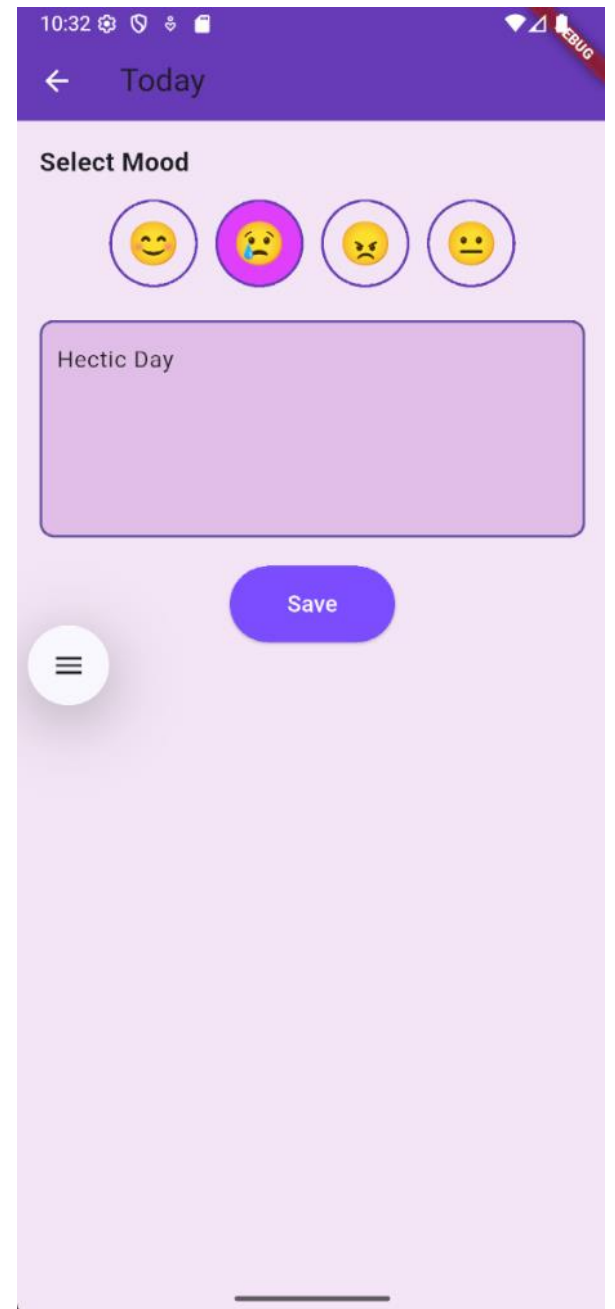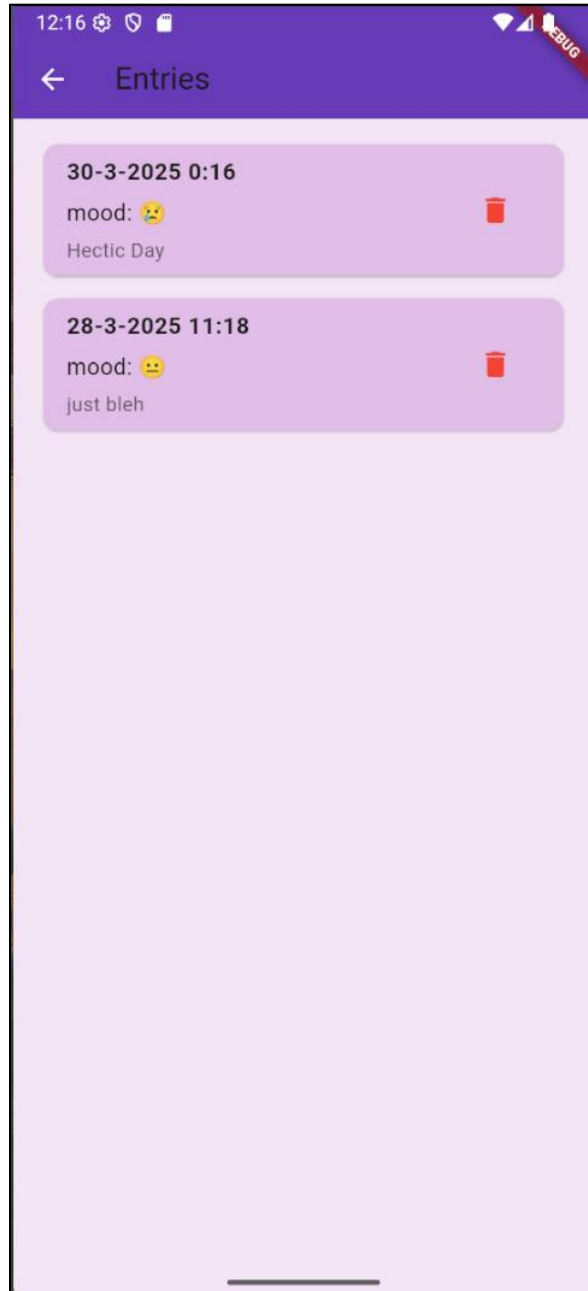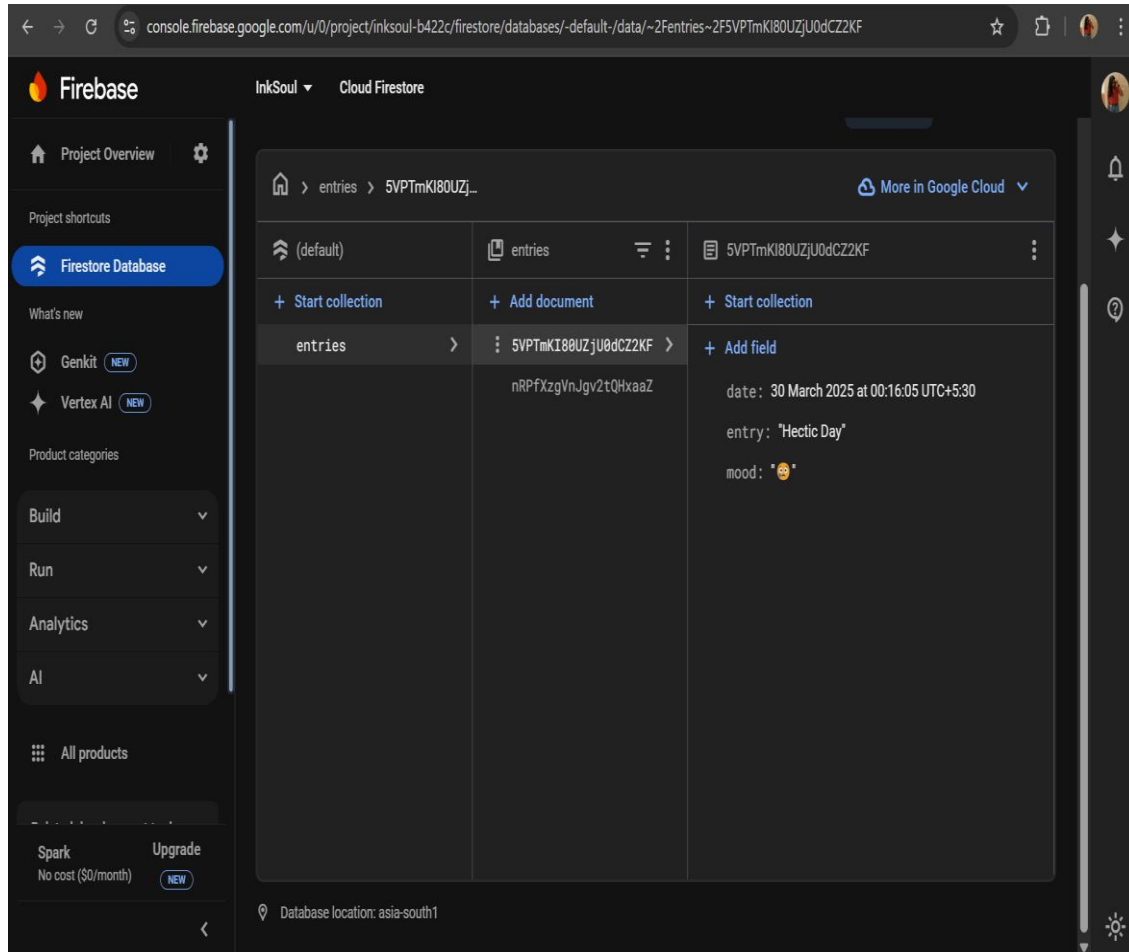
Entries Page

- The **Entries** page displays a list of all previous journal entries made by the user, **retrieved from the Firebase database**.

- Each entry includes the **date, time, selected mood, and written content**, allowing users to revisit their past reflections easily.

- Additionally, the page features a **delete option**, enabling users to remove an entry if desired.

- When an entry is deleted, the change is **instantly reflected in the Firebase database**, ensuring that the stored data remains up to date.

Firebase Database

- When a journal entry is created and saved, it is securely stored in the **Firebase database**, allowing users to access their past reflections anytime.

- The Entries page retrieves and displays these stored entries dynamically from **Firebase.**

- Additionally, any modifications, such as deleting an entry, are instantly reflected in the **Firebase database**, ensuring that the data remains synchronized and up to date, providing a smooth and consistent journaling experience.
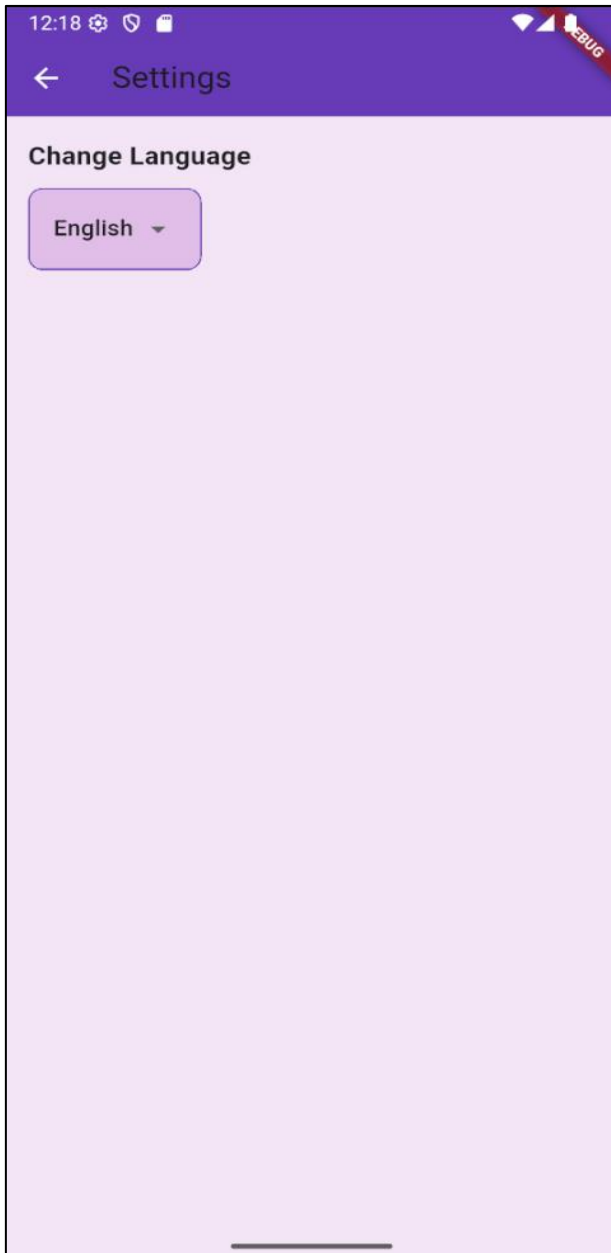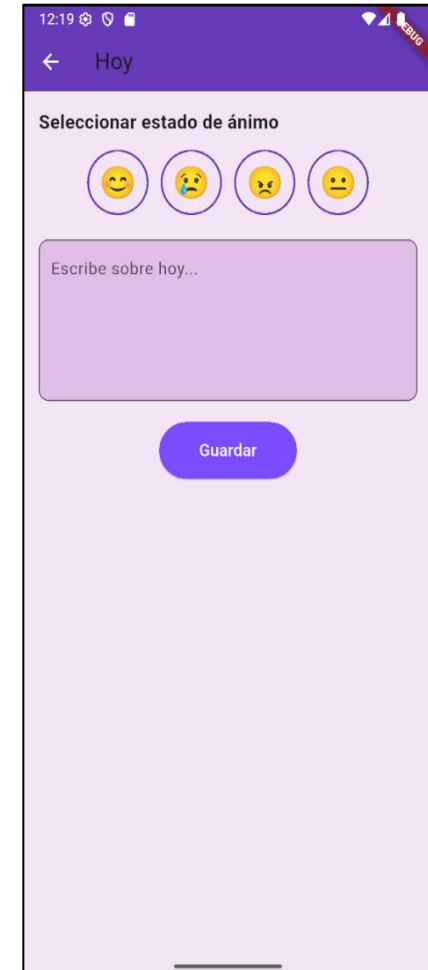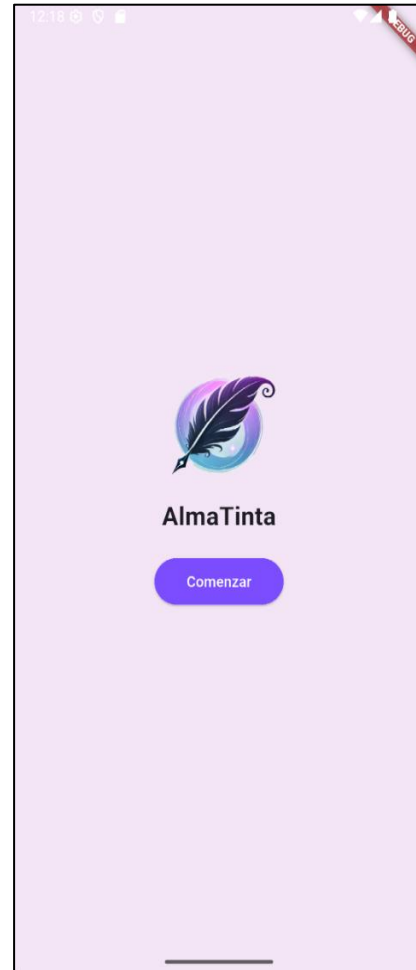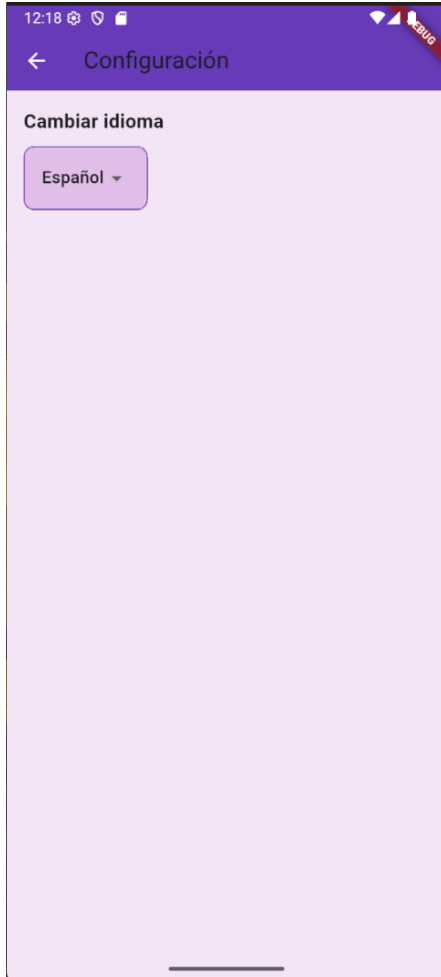
Settings Page

- The **Settings** page includes a **language selection feature**, allowing users to **switch between English and Spanish**.

- By default, the app is set to **English**, but users can **change the language using a dropdown menu**.
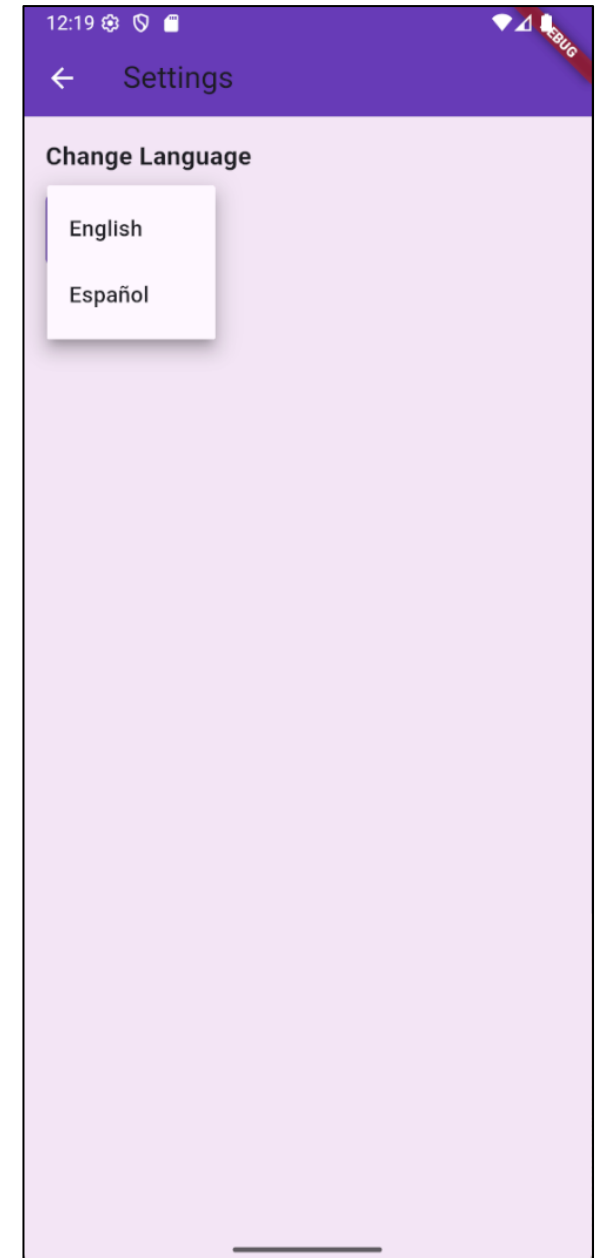
Localization Feature

Conclusion

InkSoul project satisfies the conditions as follows:

• **Widgets** – Used various **Flutter widgets** for UI components (buttons, text fields, cards, etc.).
• **Stateless & Stateful Widgets** – Implemented both **stateless (EntriesPage)** and **stateful widgets (TodayPage)**.
• **Styling & Theming** – Used **AppColors** for consistent **theming and styling** across the app.
• **Layouts & Views** – Employed **Column, Row, ListView, and Card** for structuring different screens.
• **Navigation** – Implemented **navigation between screens** using Navigator.push() and pop().
• **Gestures** – Uses **GestureDetector** (e.g., mood selection in TodayPage) and **buttons** for user interactions.
• **API Calling** – Fetched **quotes from an external API** (quotable.io).
• **Database** – Stored user entries in **Firestore Database**.
• **Firebase Integration** – Used **Firebase Firestore** for **data storage and retrieval**.
• **Localization** – Supports **English and Spanish** with a **dropdown-based language switcher**.