

A Report on **SOULSCRIPT**



SoulScript is a simple and calming wellness application designed to promote mental well-being by combining mood tracking, journaling, and relaxation tools in one place. The app creates a safe and soothing digital space where users can reflect on their emotions, record personal thoughts, and wind down with gentle sleep stories.

Key Features

- **Mood Tracking**

Users can log their daily moods with simple inputs, allowing them to reflect on how they feel each day. Over time, this feature helps build awareness of emotional trends and promotes mindfulness.

- **Journaling**

A secure space to write and save daily thoughts, reflections, or personal notes. Journaling encourages self-expression, reduces stress, and supports mental clarity.

- **Calming Sleep Stories**

A collection of short, soothing audio stories designed to help users relax and fall asleep peacefully. This feature is aimed at reducing anxiety and improving sleep quality.

Tech Stack

- **Frontend: Flutter (Dart)**

The app's user interface is built using **Flutter**, ensuring smooth cross-platform performance on both Android and iOS devices. Flutter's widget-based design system allows for a clean, responsive, and user-friendly interface.

- **Backend: Firebase**

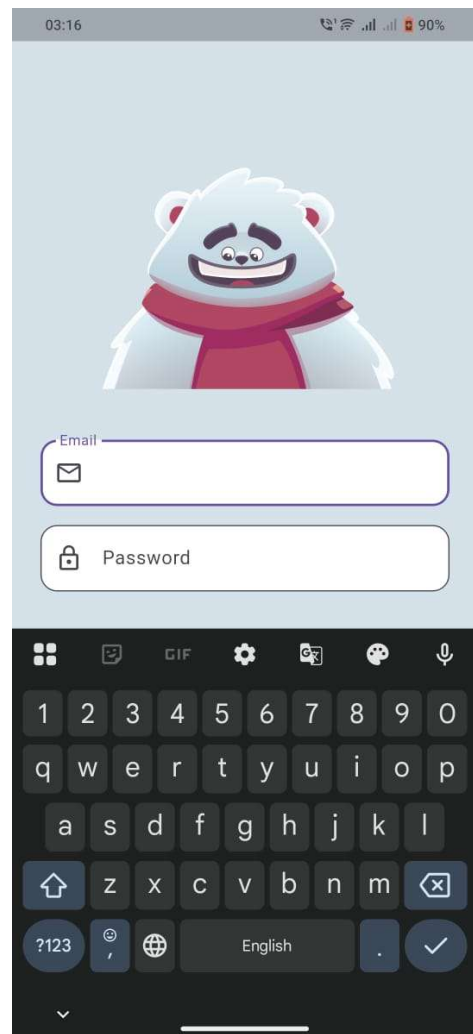
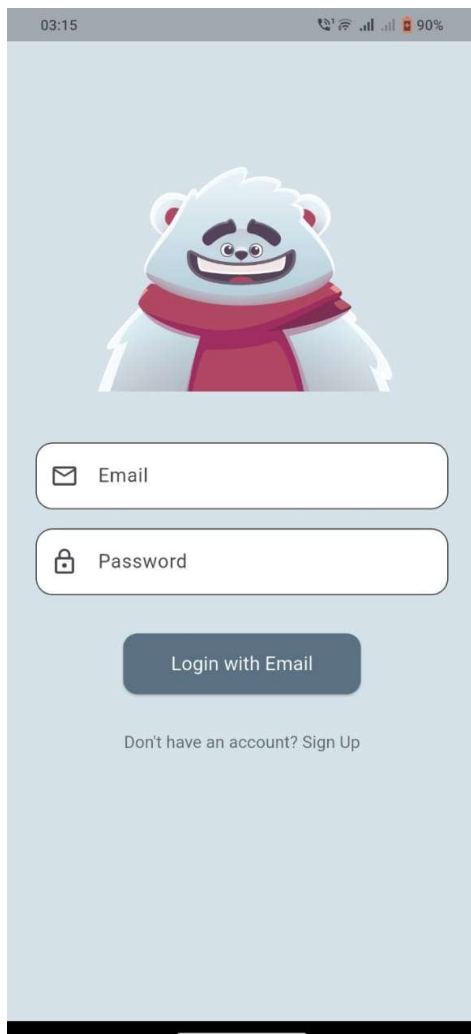
- **Firebase Authentication:** Provides secure user sign-in and account management using email and password authentication.
- **Firebase Firestore:** Stores user data such as mood logs, journal entries, and activity history securely in the cloud, enabling real-time synchronization and reliable data access across devices.

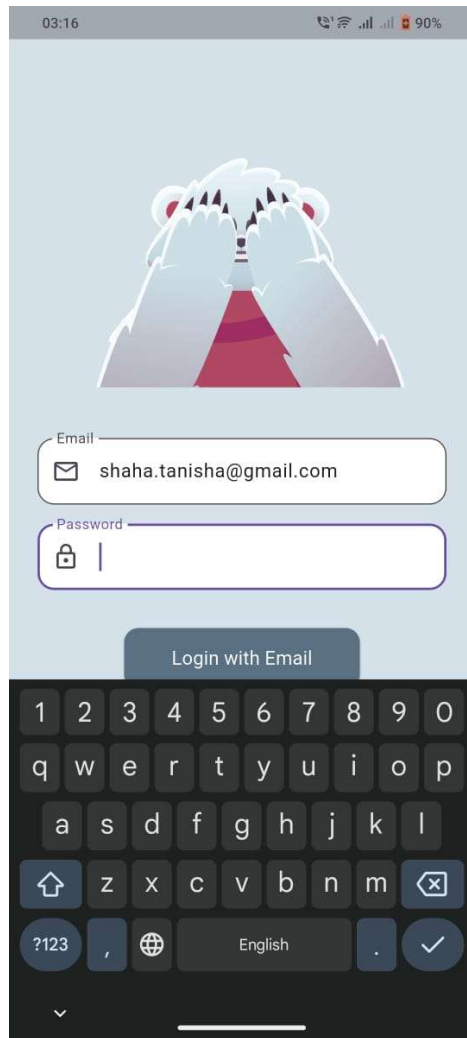
Screenshots of Completed Sections

MAIN APP LOGO



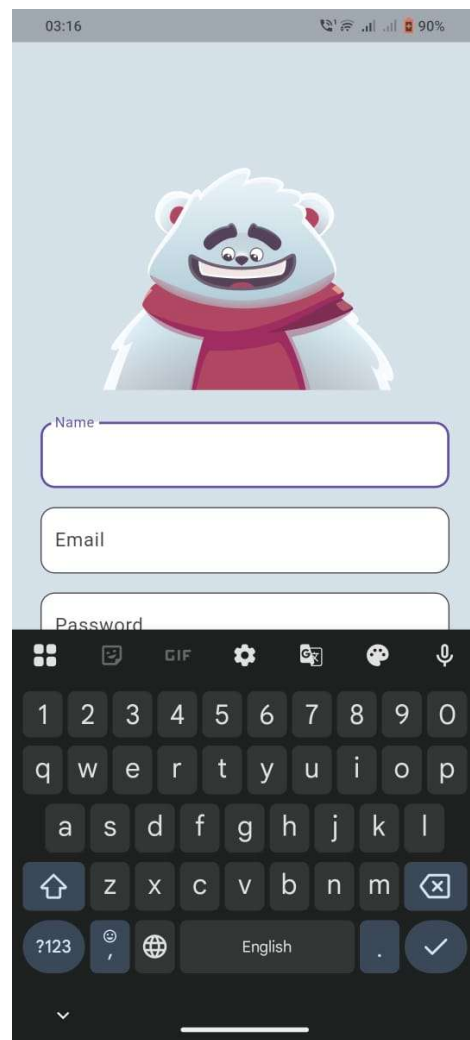
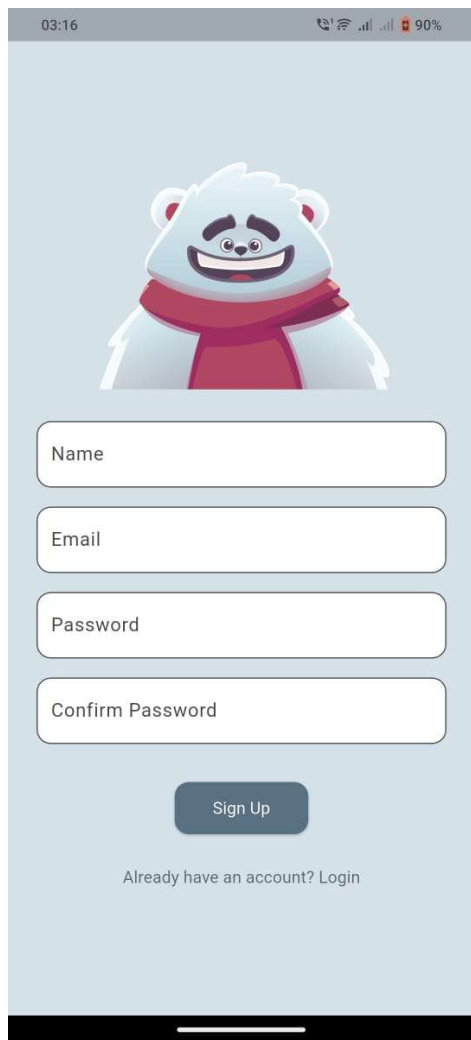
1. LOGIN/SIGNUP PAGE



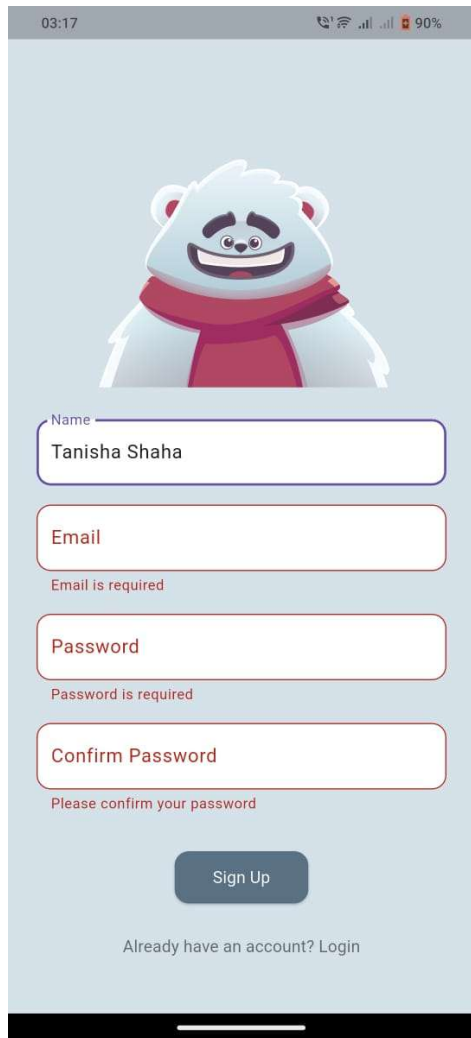


A friendly animated teddy bear is integrated into the login screen using **Rive**. The animation reacts to user interactions delightfully:


- **Non-Password Fields:** When the user types in the email or other text fields (excluding the password), the teddy's eyes shift slightly to the left, giving the impression that it's watching the user type—creating a friendly, connected interaction.
- **Password Typing:** The teddy respectfully **closes its eyes**, symbolizing privacy and trust while the user enters their password.



The same feature is also applied to the Sign-Up Page.



03:17 90%



Name
Tanisha Shaha

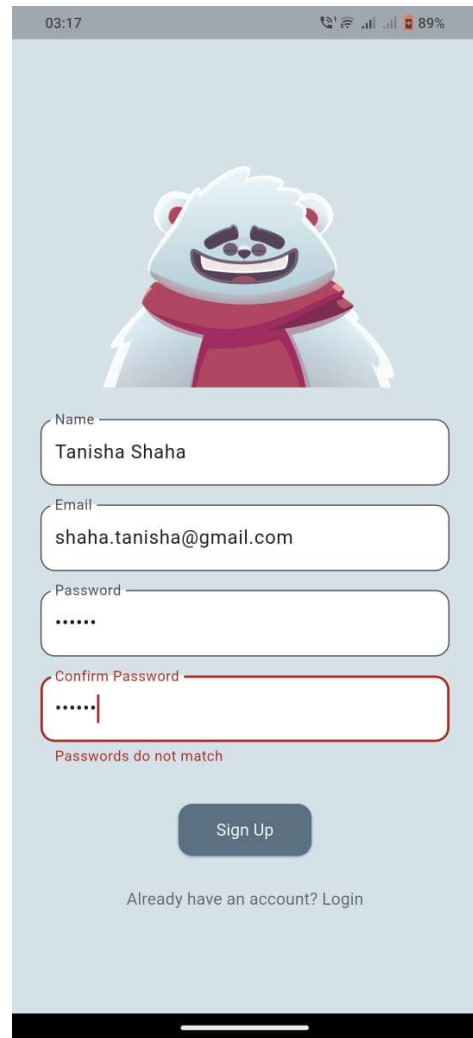
Email
Email is required

Password
Password is required


Confirm Password
Please confirm your password

Sign Up

Already have an account? Login



03:17 89%



Name
Tanisha Shaha

Email
shaha.tanisha@gmail.com

Password
.....

Confirm Password
.....
Passwords do not match

Sign Up

Already have an account? Login

- **Empty Field Checks:**

- All fields are mandatory (Name, Email, Password, Confirm Password).
- If any field is left blank, an error message is shown prompting the user to fill it.

- **Password Requirements:**

- Password must be at least **6 characters long**.
- Shorter passwords trigger an error prompting the user to enter a stronger password.

- **Password Match Check:**

- The values of “Password” and “Confirm Password” fields must match exactly.
- Mismatched inputs show a real-time error: *“Passwords do not match.”*

- **Email Format Validation** (*optional/advanced*):

- Verifies that the email contains @ and a valid domain structure.

03:18 89%

What brings you here today?

- Improve mental clarity
- Track emotions
- Build gratitude
- Reduce stress
- Other

Next

03:18 89%

How are you feeling right now?

- Happy
- Anxious
- Calm
- Overwhelmed
- Excited
- Sad
- Curious

Next

03:18 89%

Do you prefer daily reminders for journaling?

Yes

No

Maybe later

Next

03:18 89%

Would you like personalized affirmations based on your mood?

Yes

No

Next

03:18 89%

Choose your focus areas:

Gratitude	<input type="checkbox"/>
Goals	<input checked="" type="checkbox"/>
Emotions	<input checked="" type="checkbox"/>
Productivity	<input type="checkbox"/>
Spirituality	<input type="checkbox"/>
Dreams	<input type="checkbox"/>

Finish

After sign-up, SoulScript guides users through a short setup where they provide additional details like preferences or focus areas. This helps personalize their experience, ensuring relevant content, such as affirmations or journaling prompts, is better aligned with their wellness journey.

