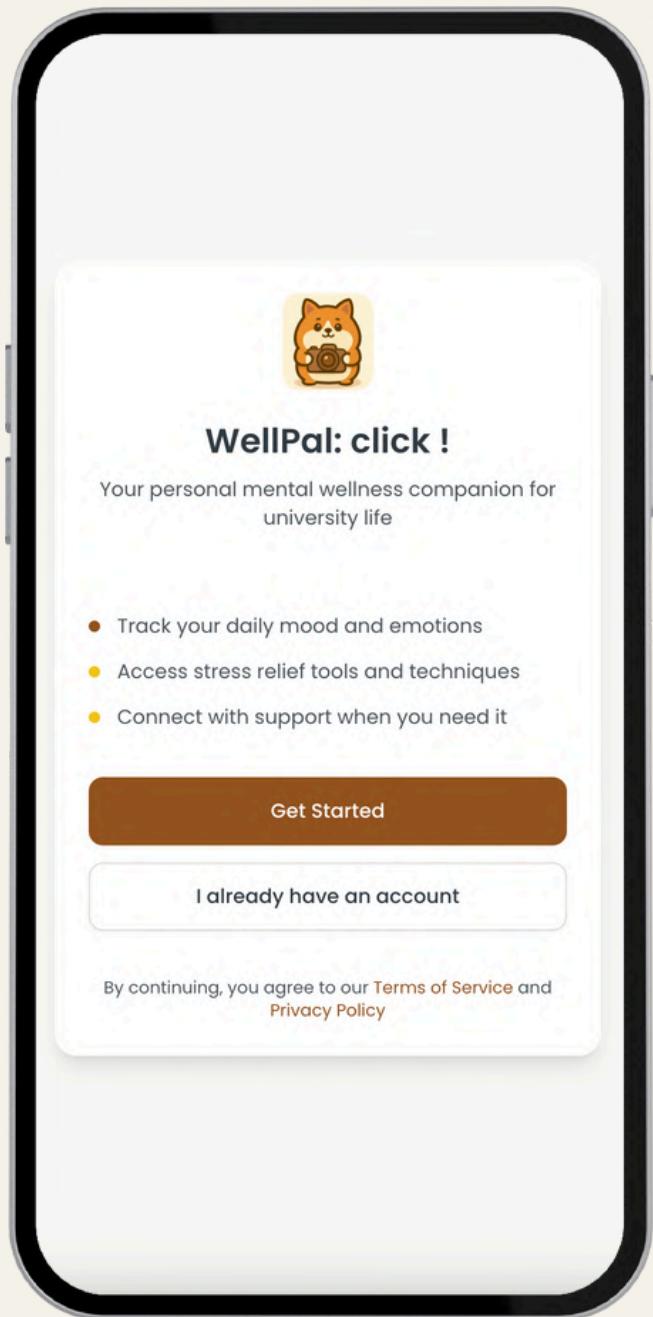


---

ONE PHOTO, ONE MOOD



# Team Cache Me IF U Can WellPal: click!

---



[HTTPS://GITHUB.COM/BRAYDENCJR/WELLPAL](https://github.com/BraydenCJR/wellpal)

YOUR POCKET COMPANION FOR CAMPUS WELLNESS

# Content

01 PROBLEM STATEMENT

02 CREATIVITY

03 DEMO APP WALKTHROUGH

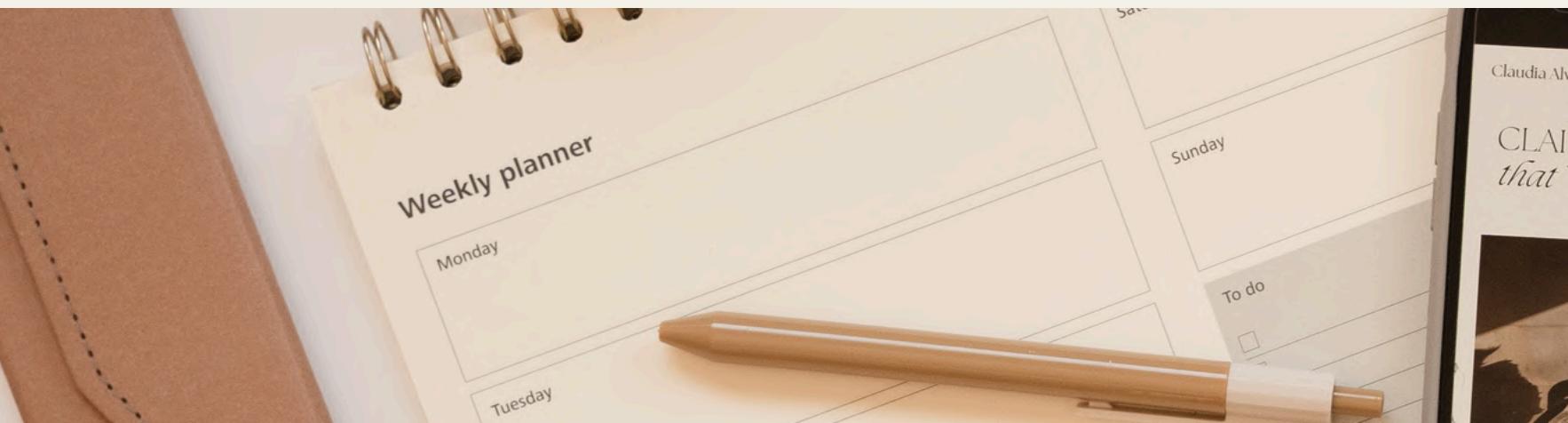
04 PRO VERSION BENEFITS

05 FEASIBILITY

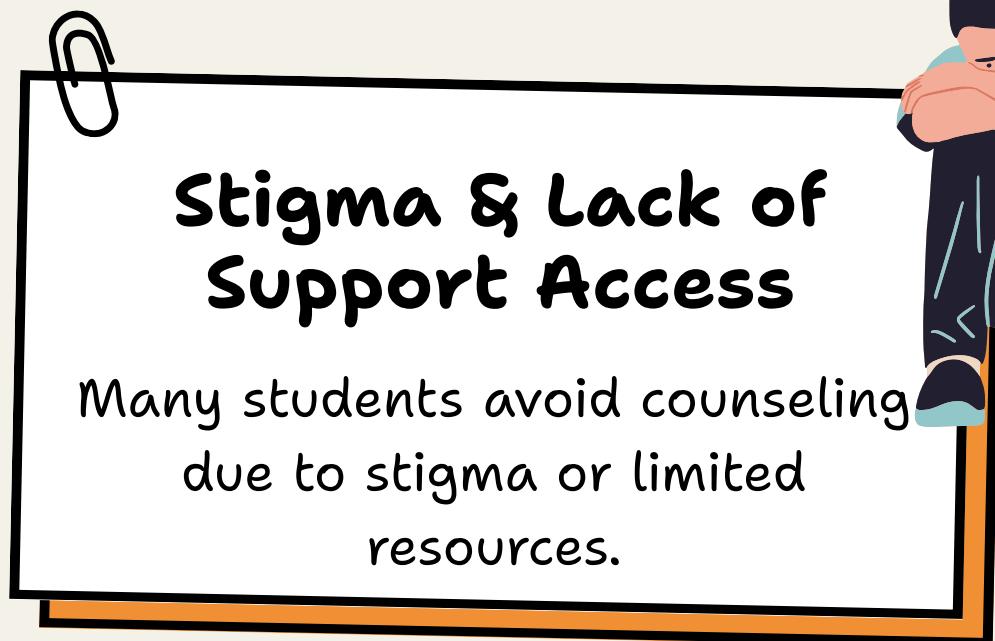
06 SUMMARY

**"We are not just building a software, we are building a mental health companion app that can help students to empower their mental well-being so no one was left behind."**

-By Team Cache Me If U Can



# Problem Statement



## Barriers to Student Well-being



# Creativity of Our Projects



## Integration of postcard with mood tracking

Transform daily mood tracking into meaningful digital postcards.



## AI Mental Companion

Meet WellPal, your 24/7 AI-powered supportive chat friend



## Relax Hub

Stress relief through games, exercises, ASMR, and calming music



## Smart Music Suggestions

Personalized music playlist based on your daily mood.



## Emergency Support

Quick access to saved contacts and mental health hotline



## Personalized Experience

Customisable theme colours and font sizes to support accessibility needs



# WellPal : click!

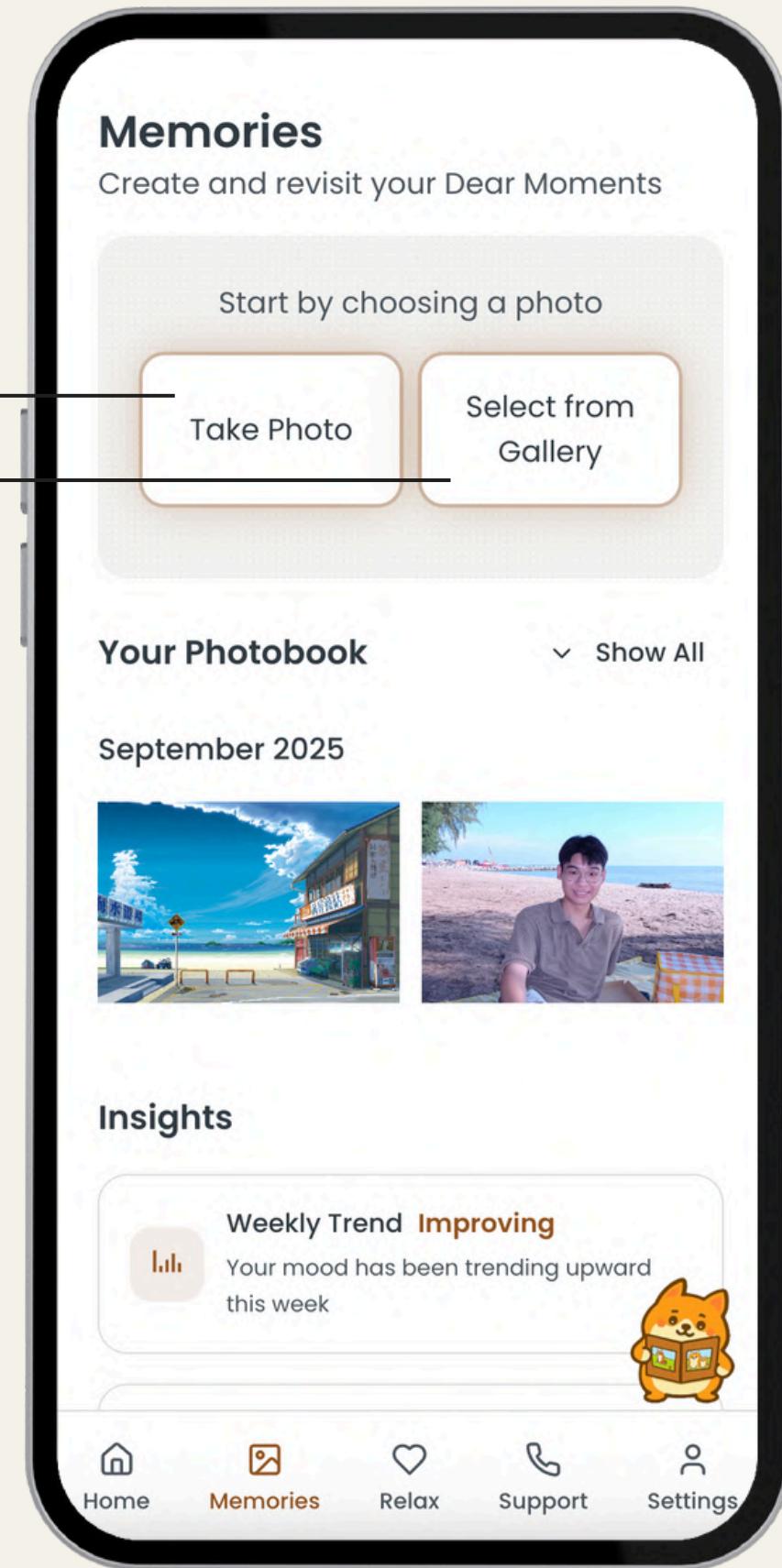
DEMO APP WALKTHROUGH

-By Team Cache Me IF U Can

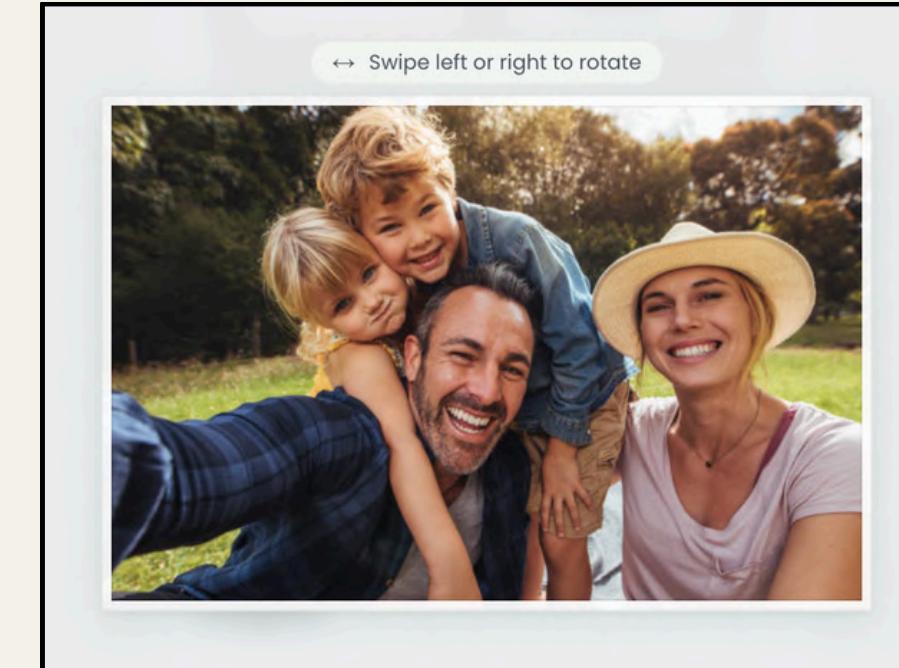
# INTEGRATION OF POSTCARD WITH MOOD TRACKING

Capture your mood instantly

Pick a photo for today



Front

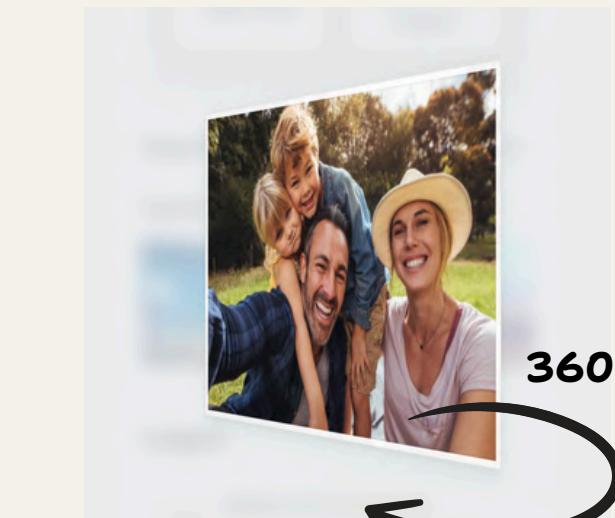


## ★ Front Side

- Your daily photo is magically transformed into a beautiful postcard
- Makes each check-in feel personal and memorable

## Postcard Magic ★

Back

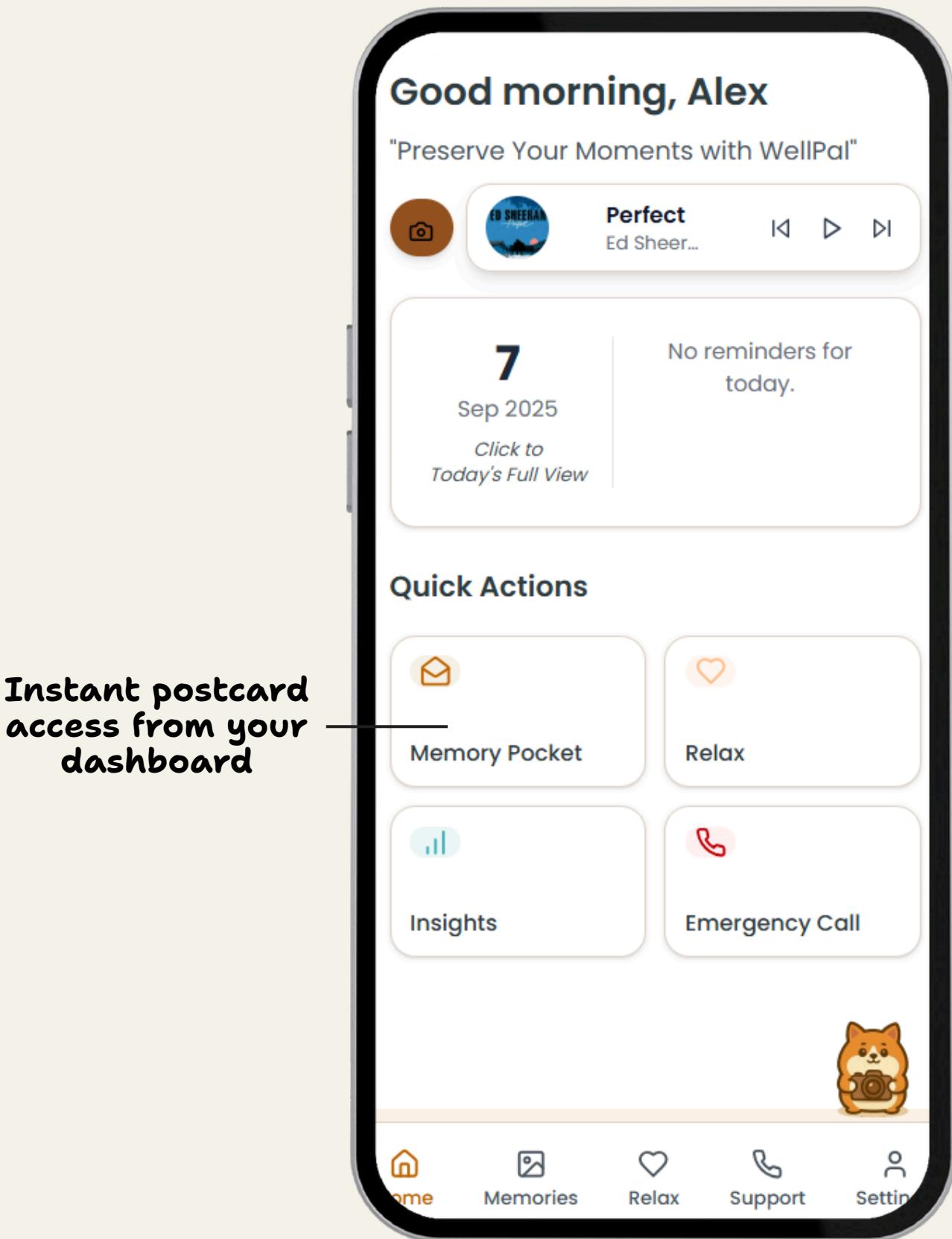


360° Rotatable

## Back Side

- Jot your thoughts in a note
- Pick your mood with emojis
- Go Pro to unlock more cute emojis 😍

# INTEGRATION OF POSTCARD WITH MOOD TRACKING



User-friendly UI to revisit your cherished moments ❤️



## ★ Impact of Postcard Mood Tracking

- Encourages Daily Reflection
  - Users pause to capture their mood, building self-awareness.
- Makes Journaling Fun
  - Photos + postcards feel engaging, not like a chore.
- Boost Emotional Expression
  - Notes + emoji moods help students articulate feelings
- Motivates Consistency
  - The playful design and magic transformation keep users coming back.

# AI MENTAL COMPANION

Always here with you ❤️



Click to chat anytime !

Good evening, Alex  
"Preserve Your Moments with WellPal"

6 Sep 2025  
No reminders for today.  
Click to Today's Full View

Quick Actions

- Memory Pocket
- Relax
- Insights
- Emergency Call

Home Memories Relax Support Settings

Insights

Hi! I'm your WellPal Companion!  
Do you want to talk with me?

Weekly Trend Improving  
Your mood has been trending upward this week

Home Memories Relax Support Settings

Wellness Companion  
Here to listen and support you  
Online now

Daily chats: 3/10

Sometimes I just feel lonely, like no one really understands me.  
11:01 PM

It sounds really tough to feel lonely and like you're not understood. That's a really common feeling, especially during university. It takes courage to share that, and I'm here to listen. Would you like to talk more about what makes you feel this way, or perhaps

Share what's on your mind...

This is a supportive AI companion. For emergencies, please contact crisis support.

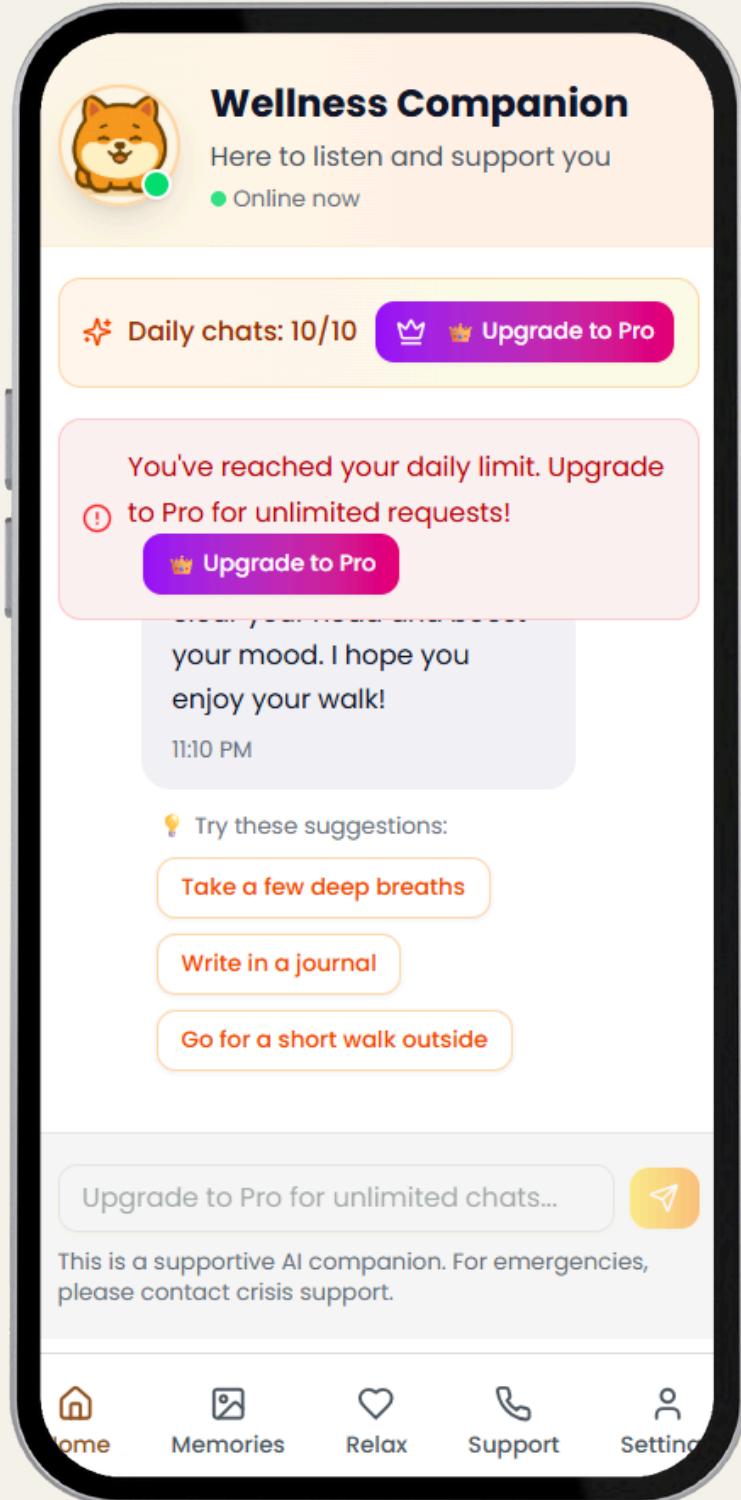
Home Memories Relax Support Settings

WellPal is always by your side — at the bottom right of every page.

Warming colors for a calm chat space — as warm as WellPal itself

: Sometimes I just feel lonely, like no one really understands me.

# AI MENTAL COMPANION



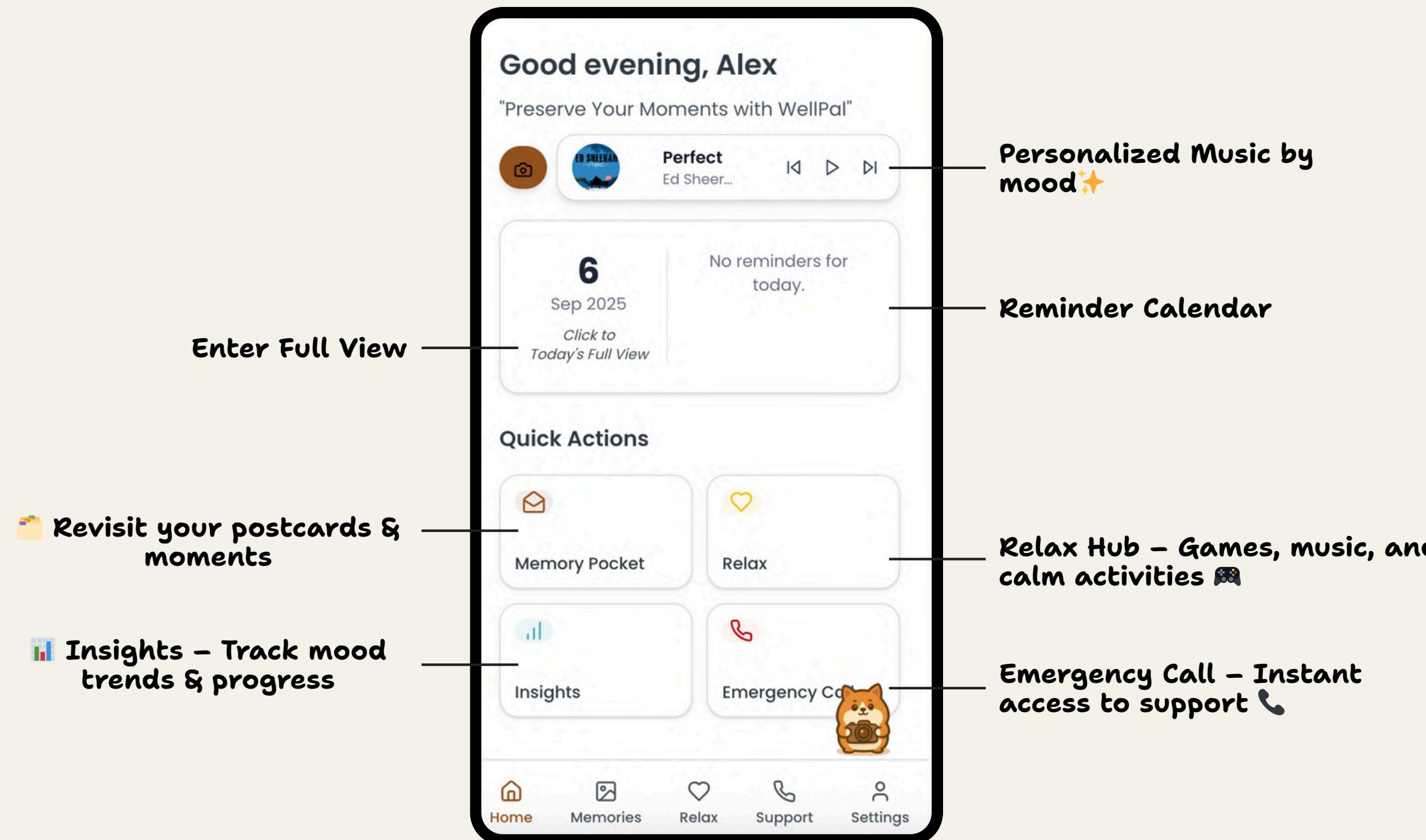
Unlock Pro to keep the conversation flowing, and enjoy more ways to express yourself ❤️

Your first 10 chats each day are free 💬

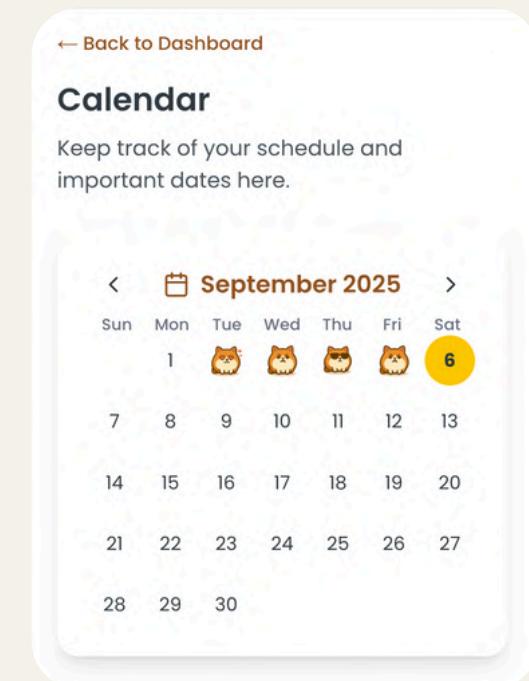
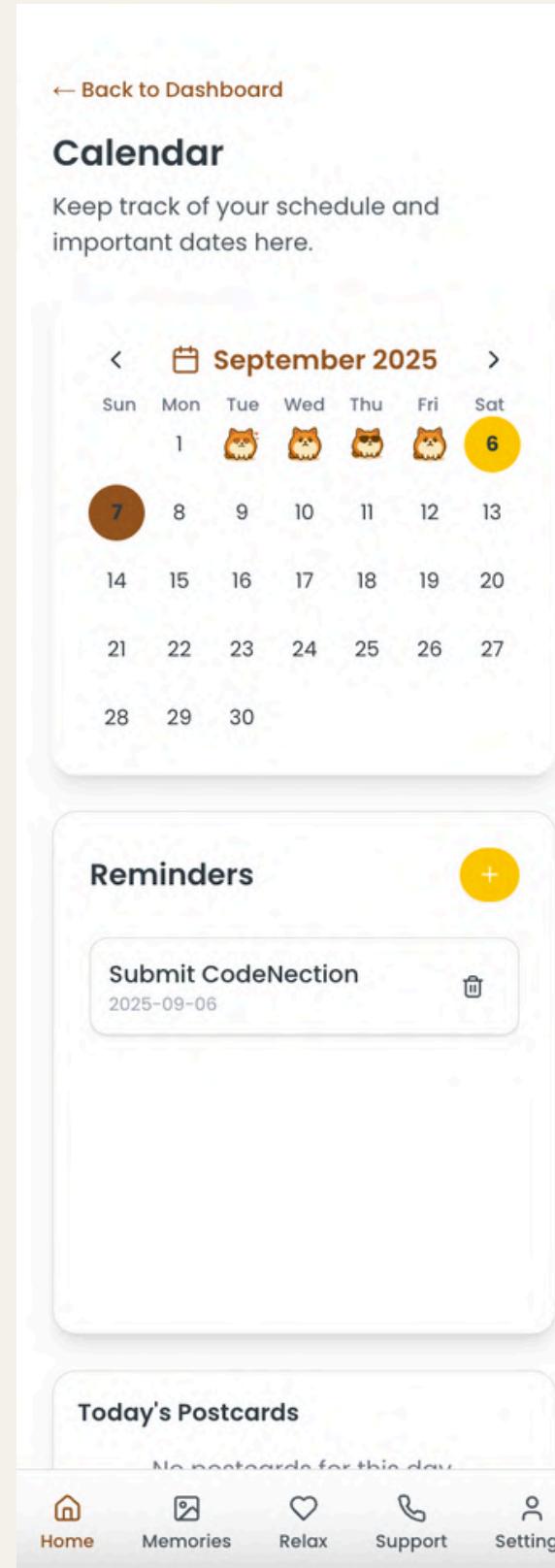
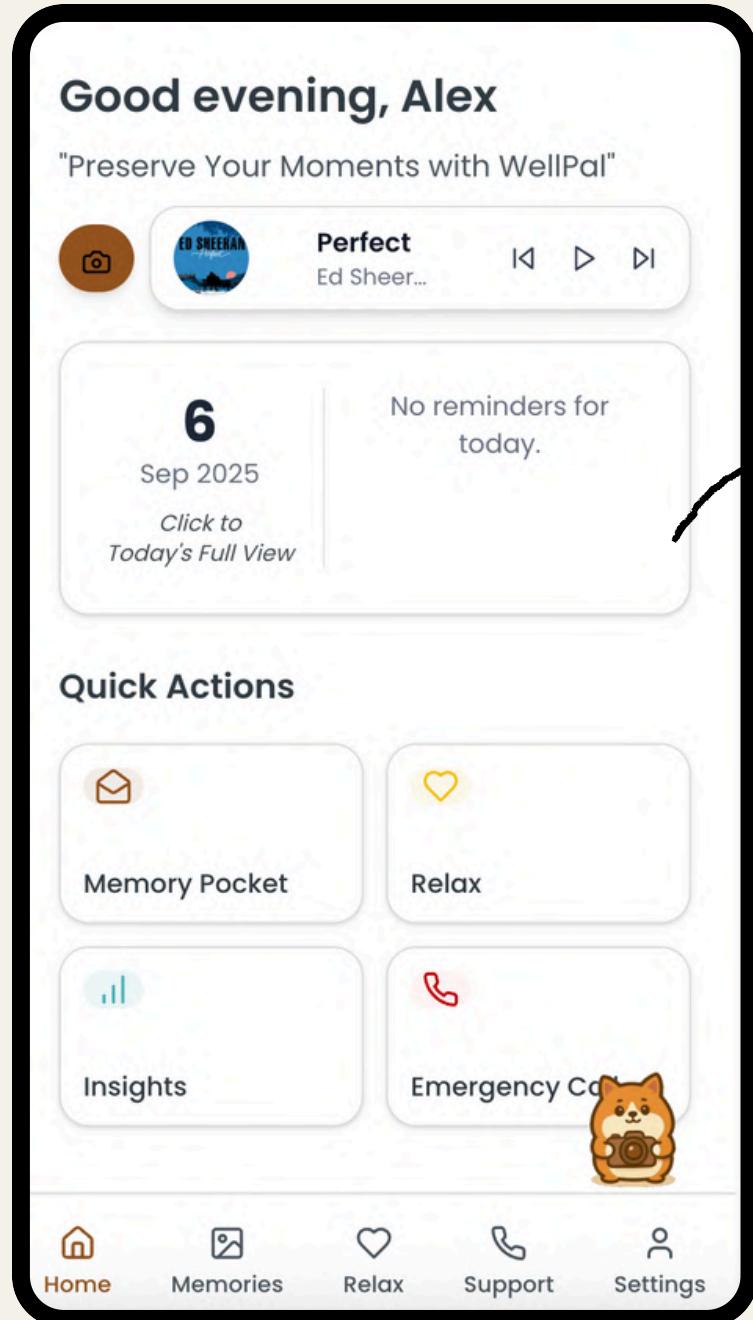
## 🌟 Impact of AI Mental Companion

- Always Available
  - A caring friend at the bottom right, ready anytime.
- Emotional Support
  - Warm, empathetic chats that comfort and encourage.
- Gentle Guidance
  - Practical tips for stress, sleep, and study balance.
- Builds Connection
  - Helps students feel less alone and more understood.

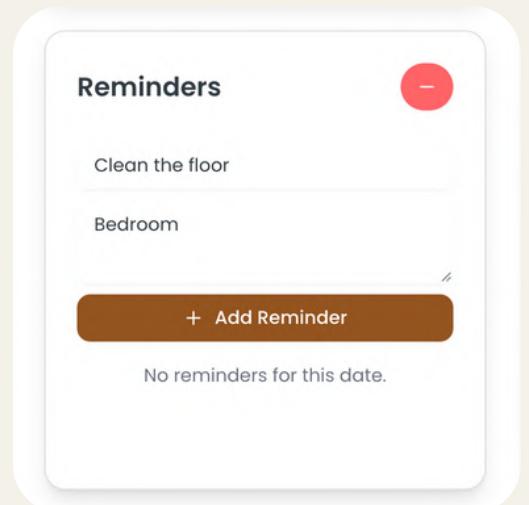
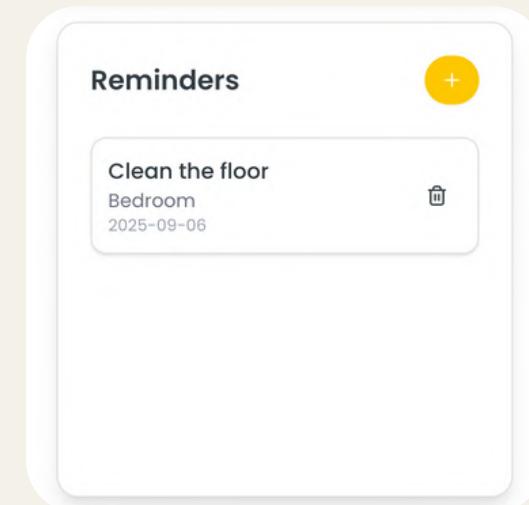
# PERSONAL DASHBOARD



# PERSONAL DASHBOARD



**Mood Tracker on Calendar**



**Add reminder for today / future**



**Show postcards on selected date**

# RELAX HUB - GAMES

Snap daily photos to build streaks  
and unlock games 🔥

**Stress Relief**

Take a moment to unwind with activities designed to help you relax and recharge.

Games Exercises ASMR Music

**15 Puzzle**  
Classic sliding number puzzle game **Play**

**Snake Game**  
Navigate the snake to collect food **Play**

**Tetris**  
Arrange falling blocks to clear lines **Play**

Home Memories Relax Support Settings

**Fifteen Sliding Puzzle**

Upload an image and solve **Upload**

Moves: 0

**Snake Game**

Hit walls = Game Over! Use arrow keys or buttons.

Score: 50 High: 60

Score: 50 High: 60

Moves: 0

Click on tiles adjacent to the empty space to move them

**Tetris**

Score: 200 High: 0 Lines: 2 Level: 1

**Add Custom Game**

Game Title: Agar.io

Description: Nice game

Game URL: <https://agar.io/#ffa>

Add Game Cancel

Custom Game lets you add and play saved game links (Unlock with Pro) ★

**Stress Relief**

Take a moment to unwind with activities designed to help you relax and recharge.

Games Exercises ASMR Music

**15 Puzzle**  
Classic sliding number puzzle game **Play**

**Snake Game** Unlock after 3 days login streak   
Navigate the snake to collect food

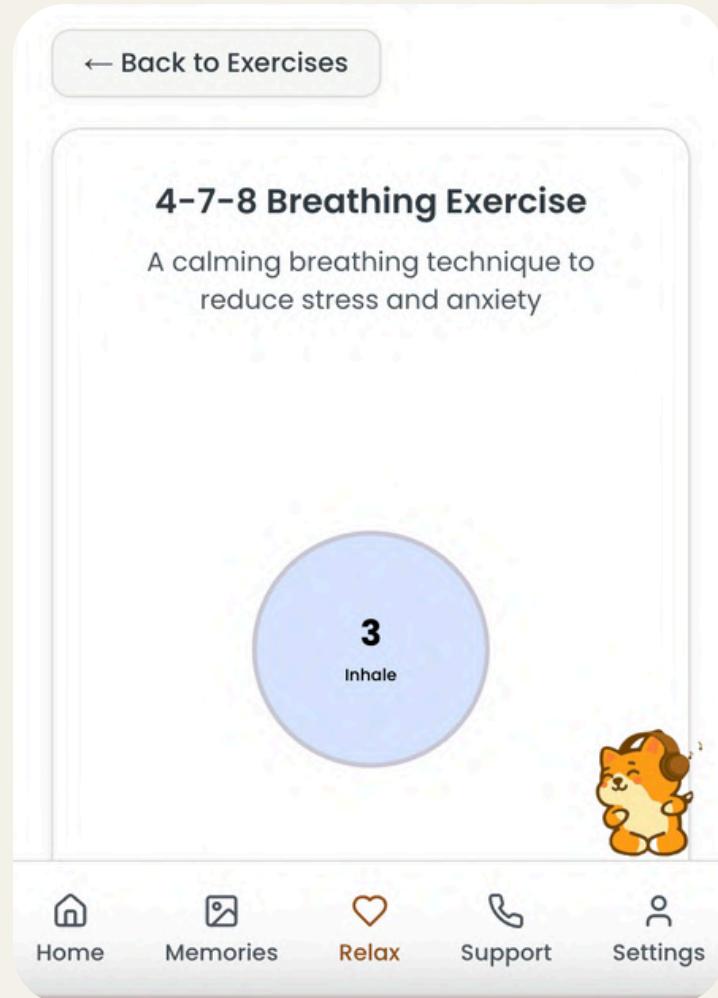
**Tetris** Unlock after 7 days login streak   
Arrange falling blocks to clear lines

Home Memories Relax Support Settings

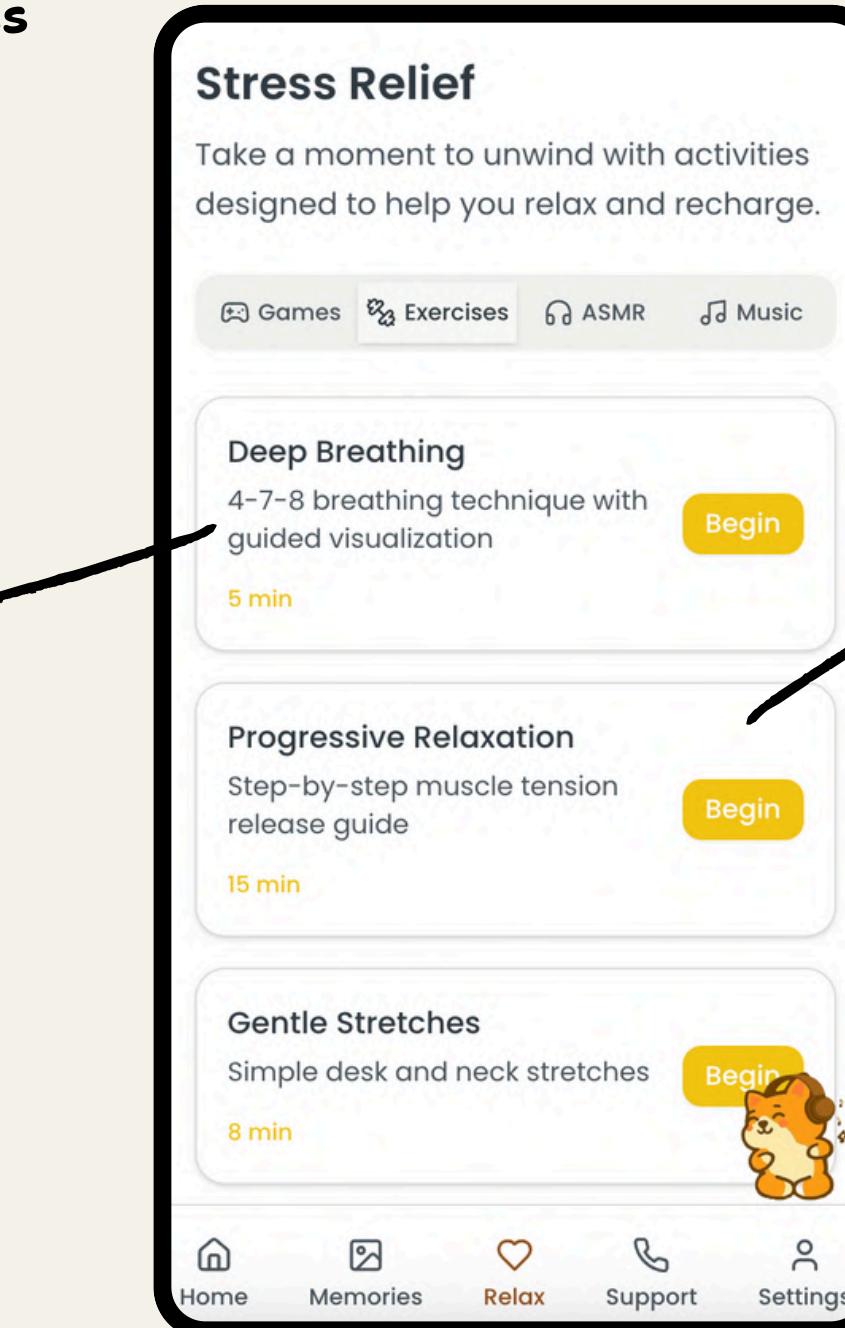
Mini games to recharge

# RELAX HUB - EXERCISE

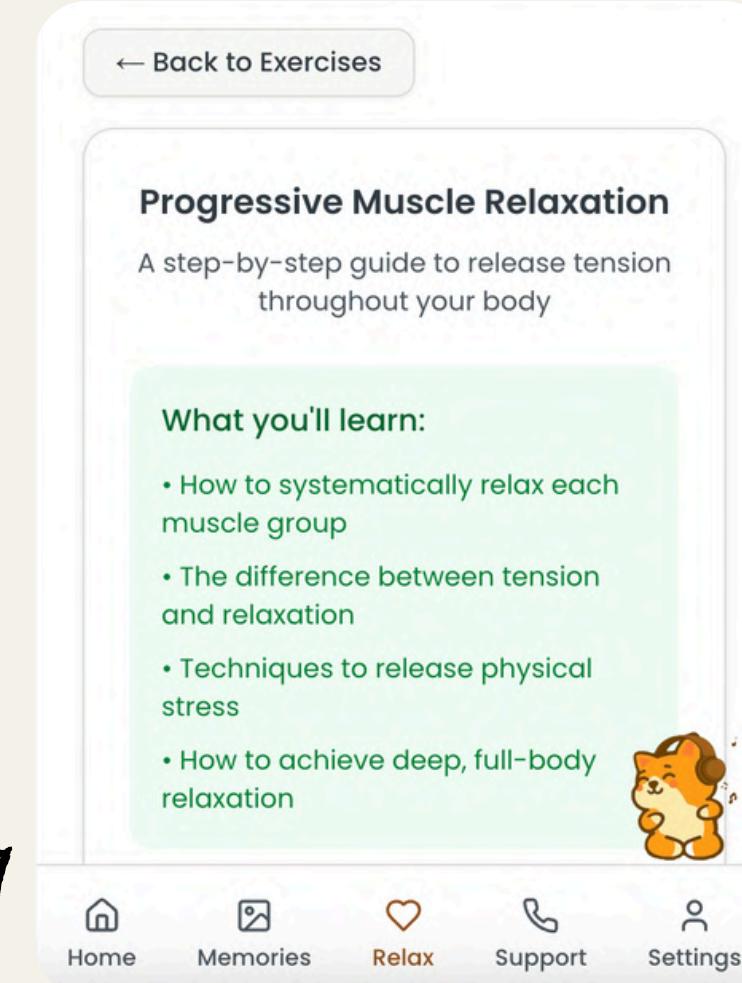
- Step by step guide of relaxing exercises



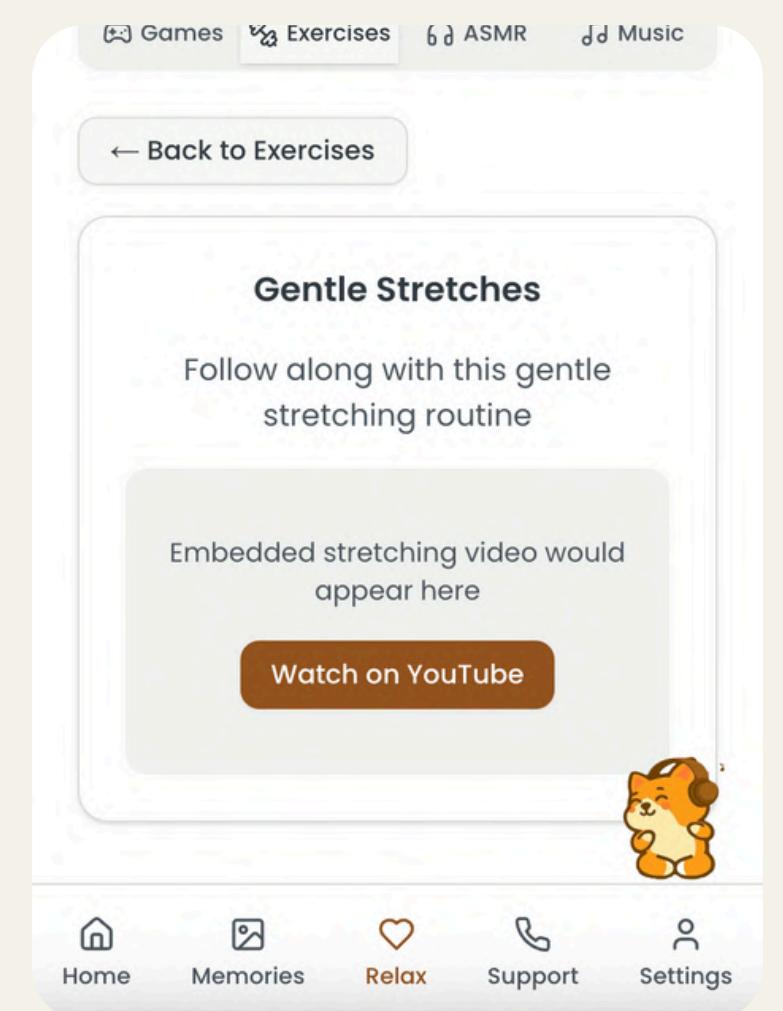
Breathing Exercises



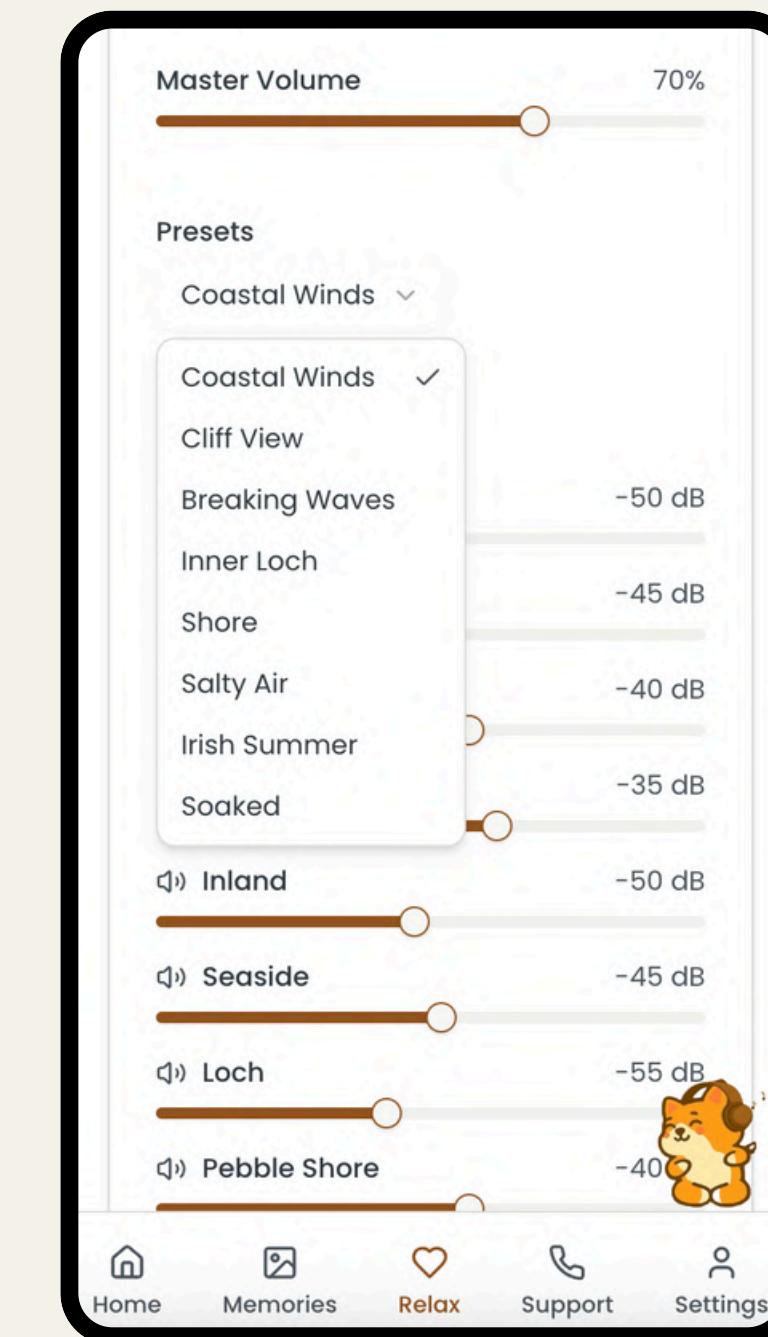
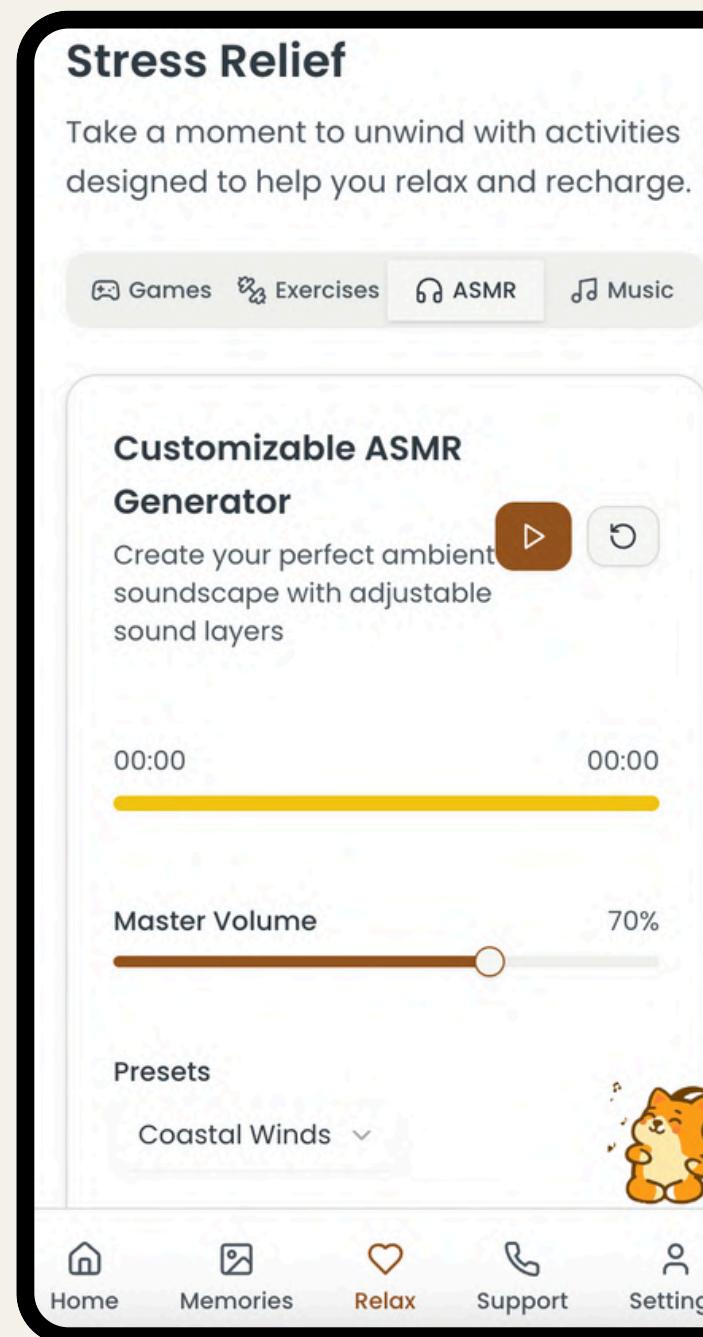
Gentle Stretches



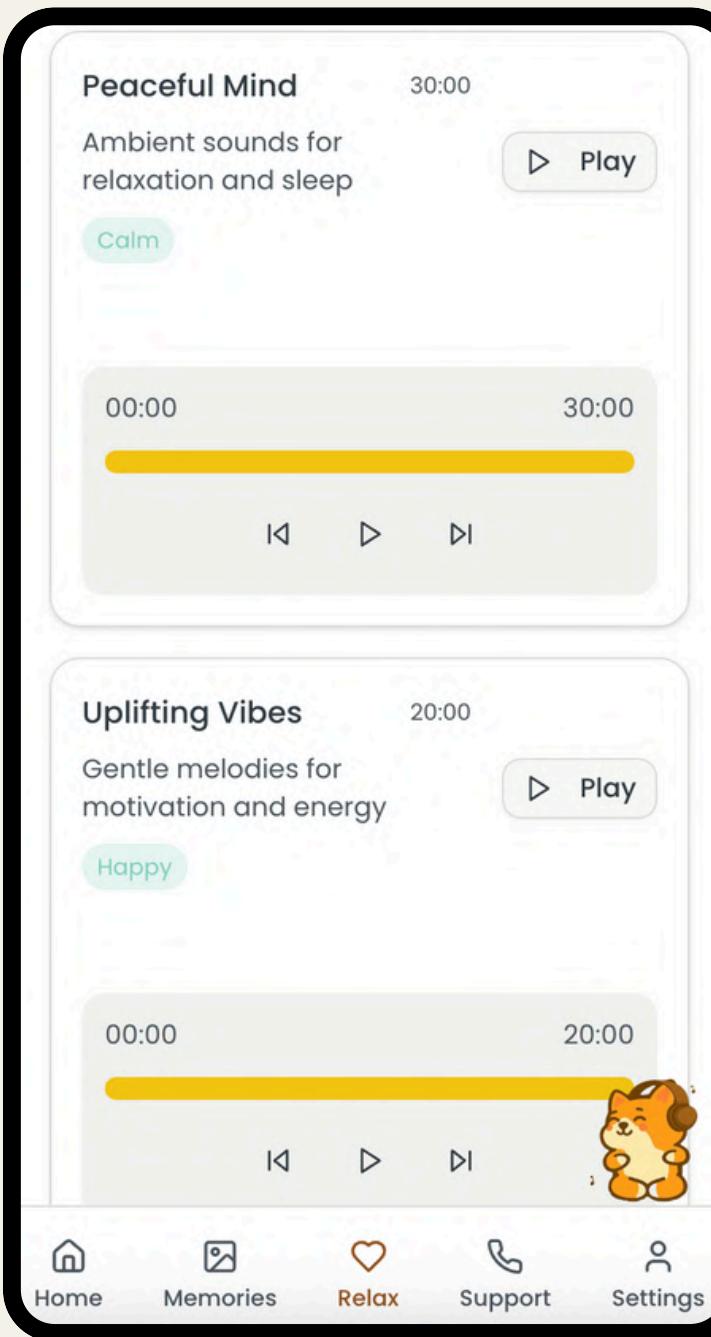
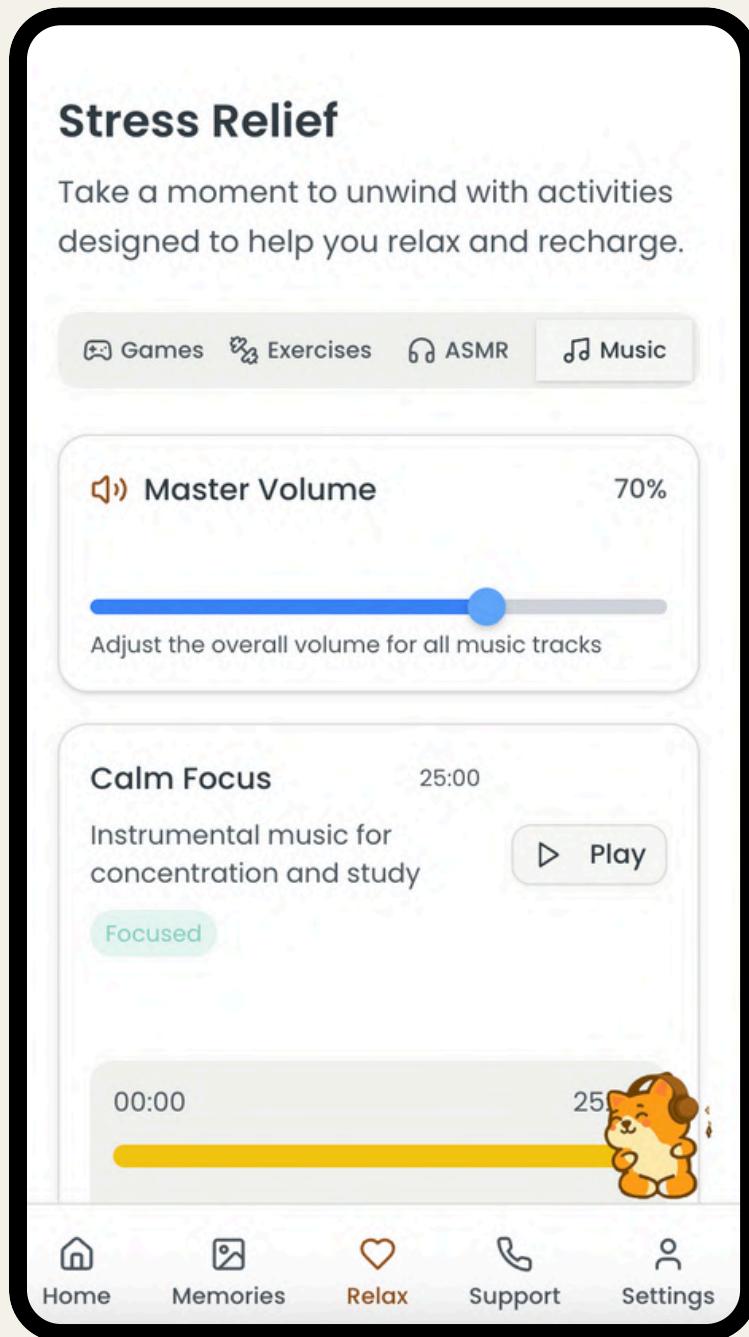
Muscle Relaxation



# RELAX HUB - ASMR



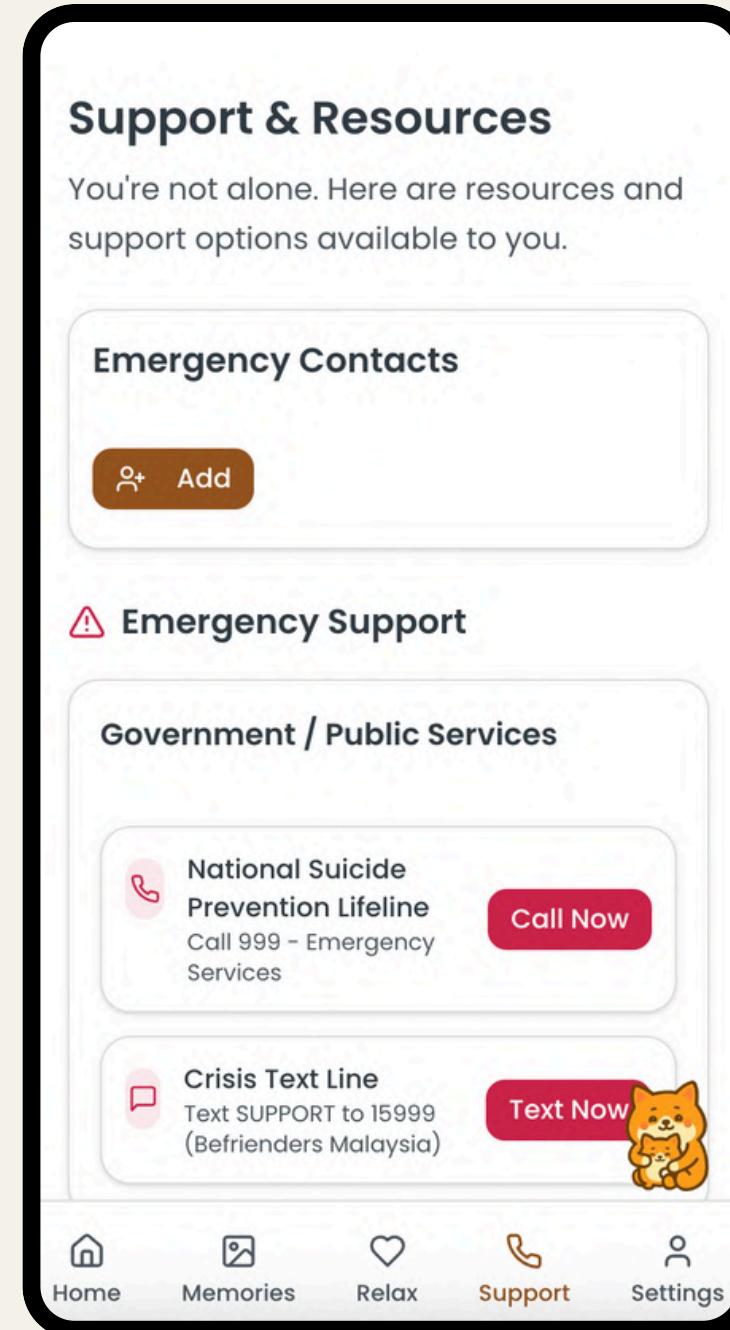
# RELAX HUB - MUSIC



## ★ Impact of Relax Hub

- Reduces Stress
  - Fun games and soothing sounds help students unwind.
- Boosts Focus
  - Quick exercises and calming music refresh the mind.
- Supports Wellbeing
  - A balanced mix of play and relaxation encourages healthier study-life habits.

# SUPPORT

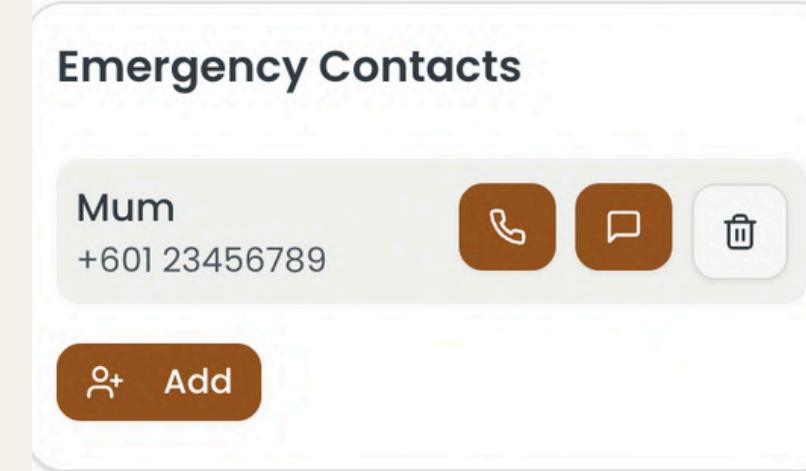


**Add Emergency Contact**

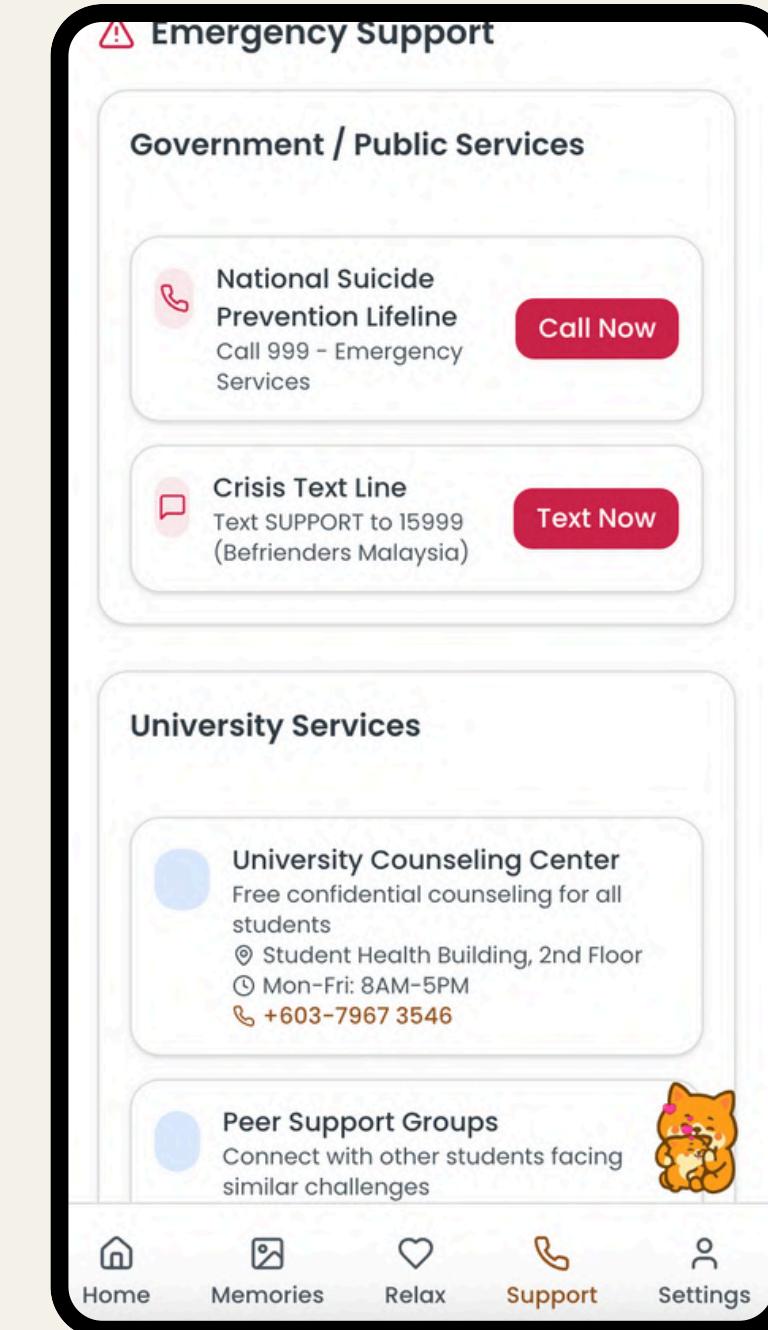
Fill in the contact's name, country code, and phone number.

Name: Mum  
Country Code: +60  
Phone Number: 12343667

**Save**

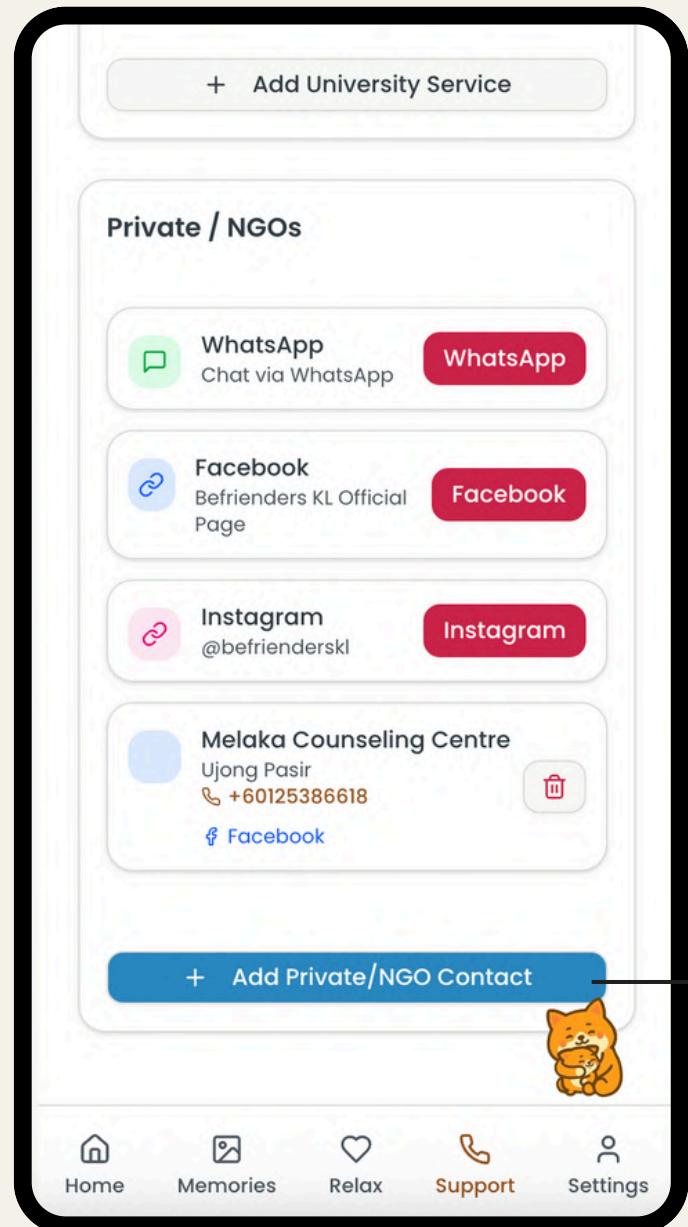


**Call Now ↗ / Message on WhatsApp**



- Get immediate help through our 24/7 hotline
- Explore trusted online resources for guidance

# SUPPORT



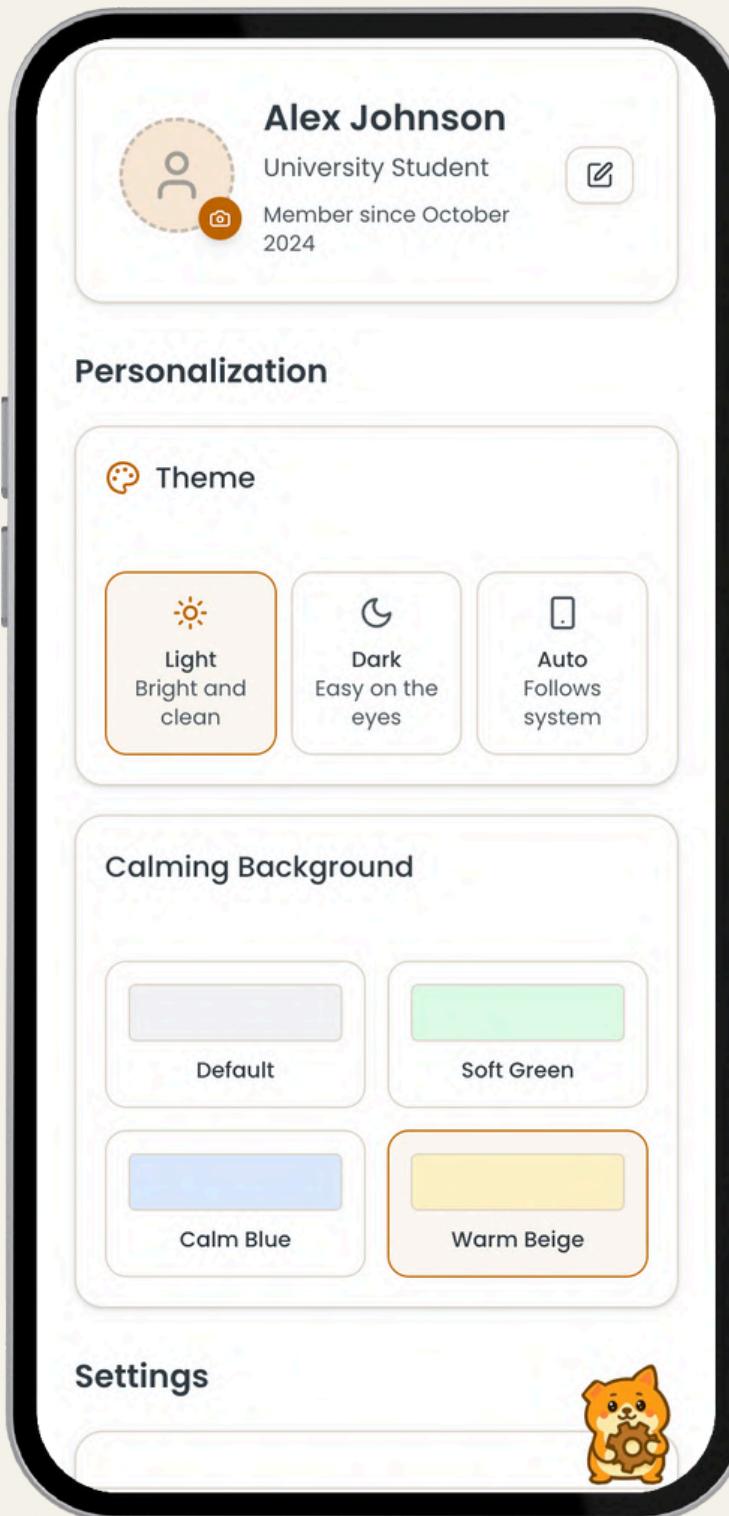
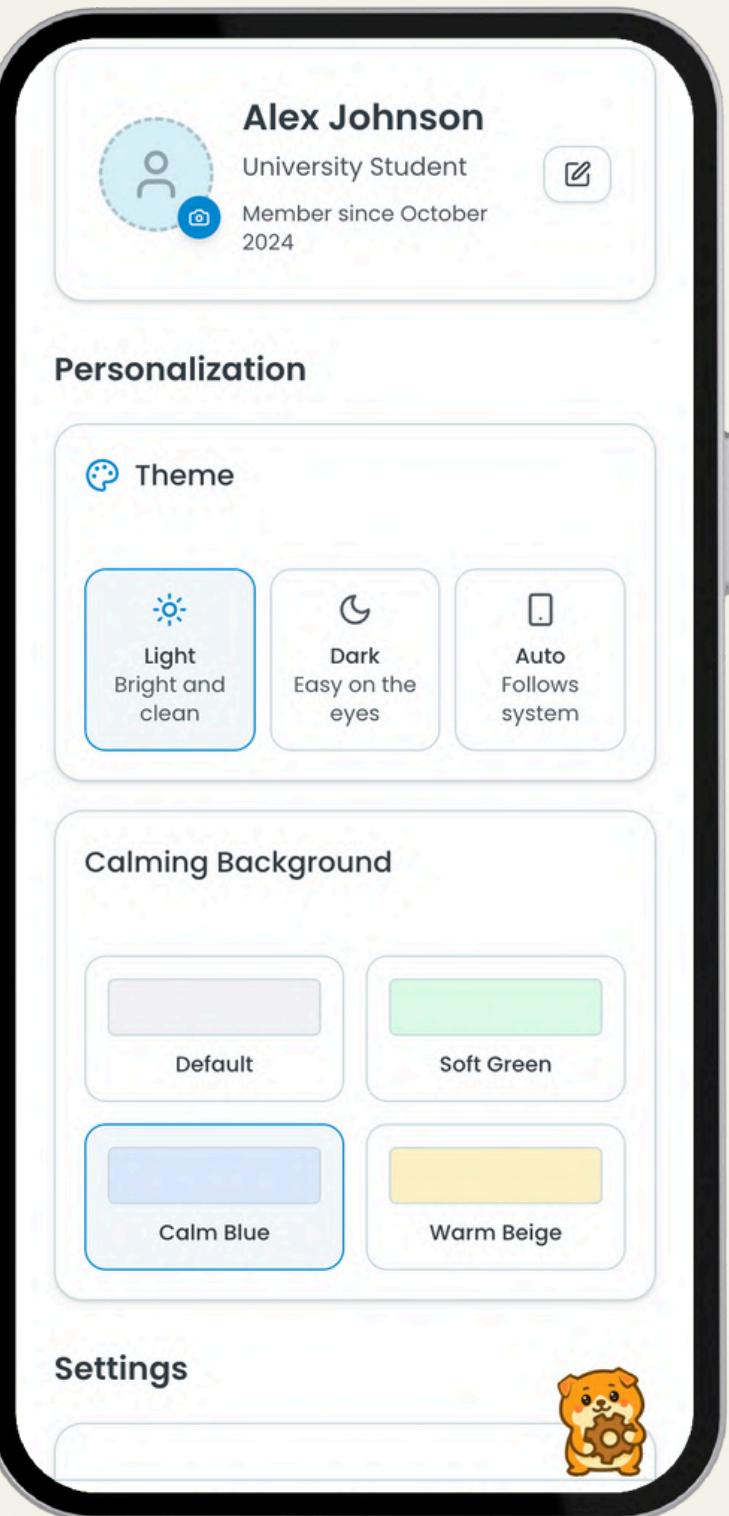
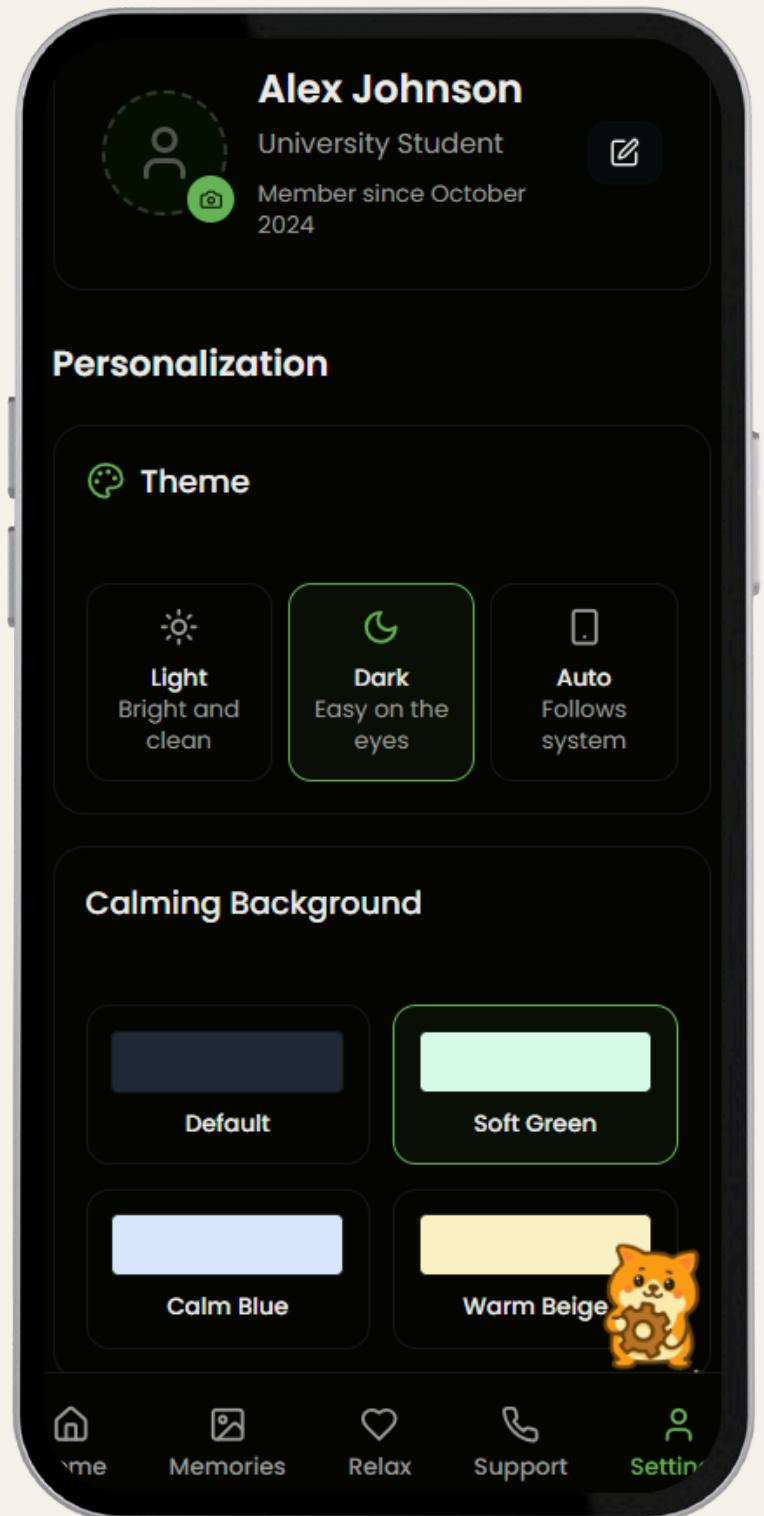
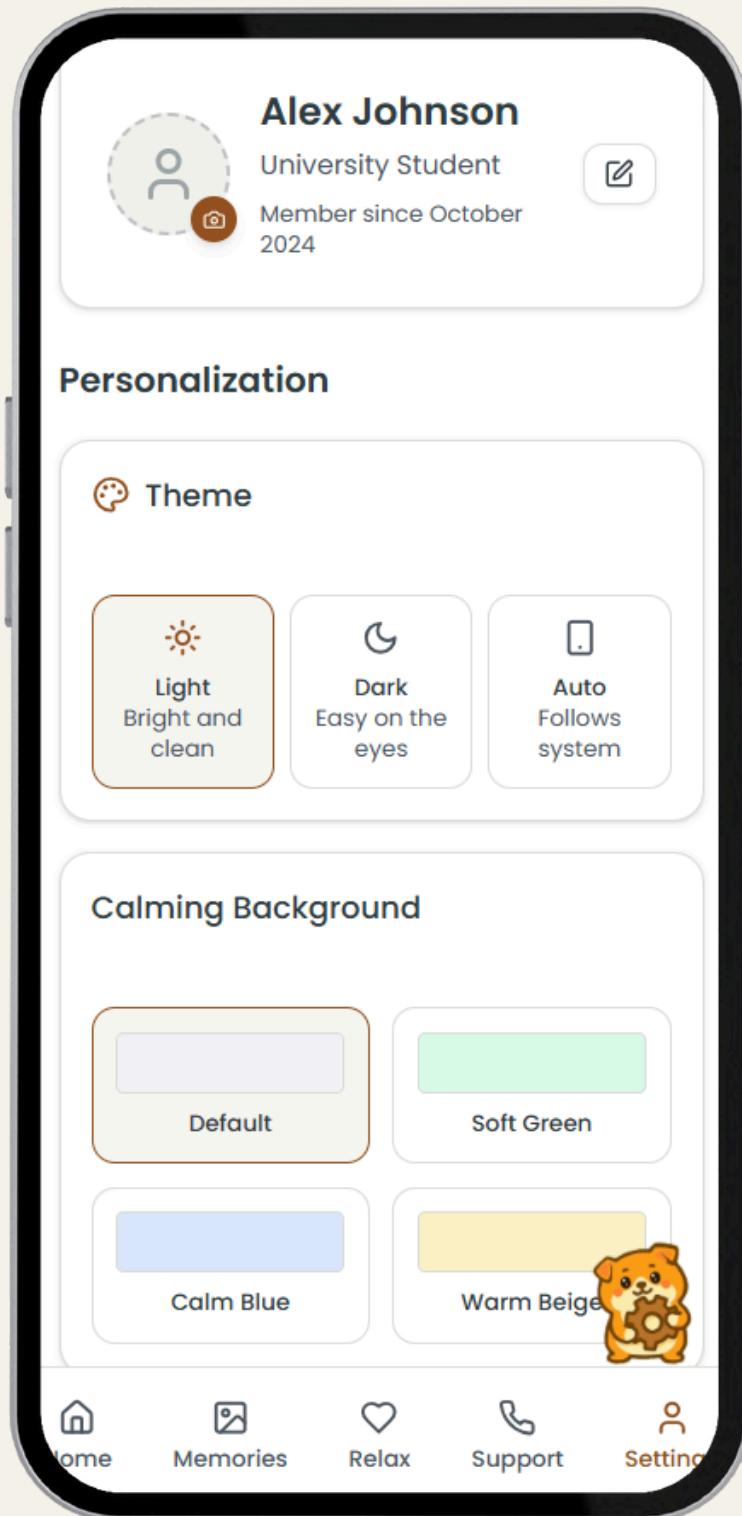
This image shows a modal dialog box titled 'Add New Private/NGO Contact'. It contains fields for 'Contact Title \*' (set to 'Melaka Counseling Centre'), 'Description \*' (set to 'Ujong Pasir'), 'Phone Number (Optional)' (set to '+60125386618'), 'Facebook URL (Optional)' (set to 'https://www.facebook.com'), and 'Instagram URL (Optional)' (set to 'https://instagram.com/...'). At the bottom are 'Cancel' and 'Add Contact' buttons.

Personalize your support list:  
save, edit, or delete contacts  
you trust

## ★ Impact of Support

- **Immediate Help**
  - One-tap access to call or message trusted person.
- **Personalized Support**
  - Add or edit NGO, private, or university contacts.
- **Peace of Mind**
  - Always know support is available when you need it most.

# PERSONALIZED EXPERIENCE (NORMAL USERS)



Normal users can customise the theme colour and calming background that suits their preferences

# CARING DISABILITIES

## Disabilities Focus :

- Color Blind
- Dyslexia

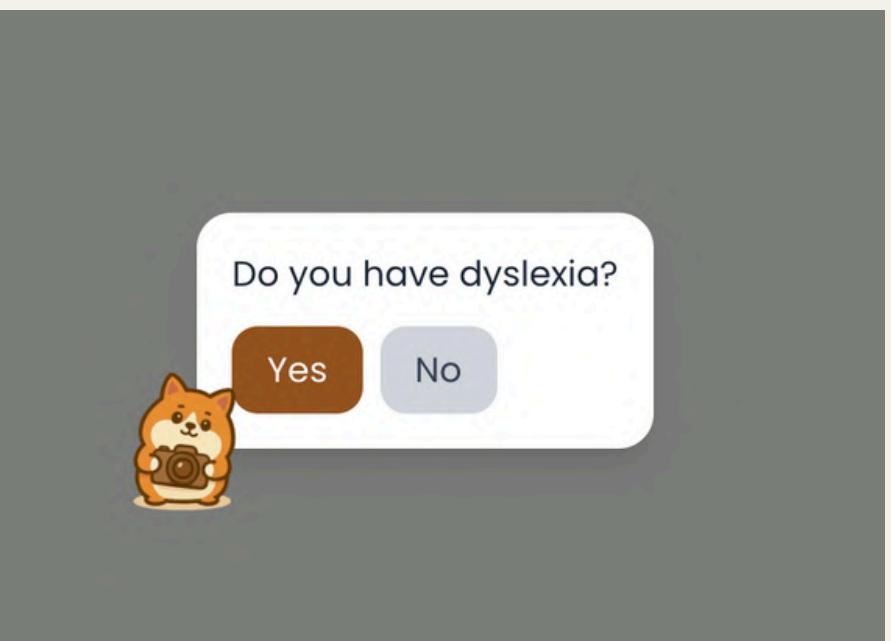
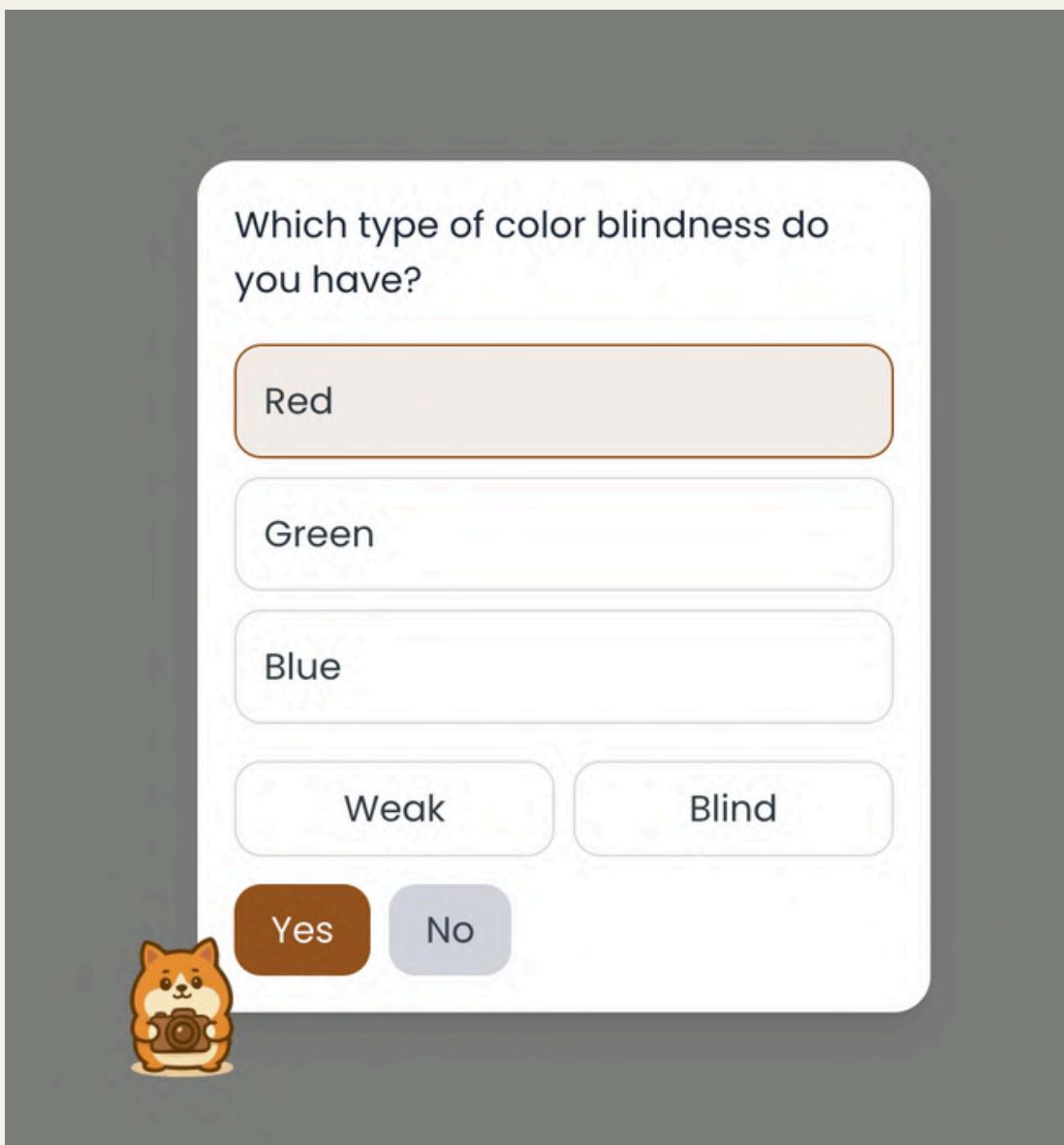


Approaches	Aim
High Contrast	Higher readability
Different color theme for each type of color blind	Enable color-blind users to perceive colors as accurately as possible, similar to how people with normal vision see them.
Bigger Font	Higher readability
Icons used	Easier for Dyslexic user to interpret

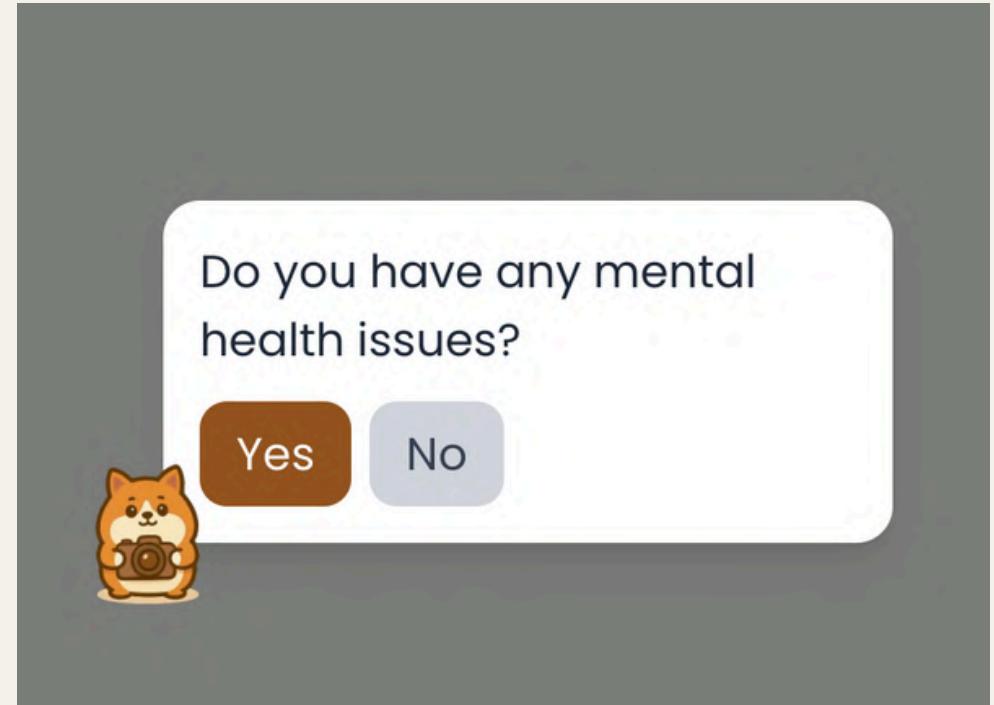
# CARING DISABILITIES

## Color Blind

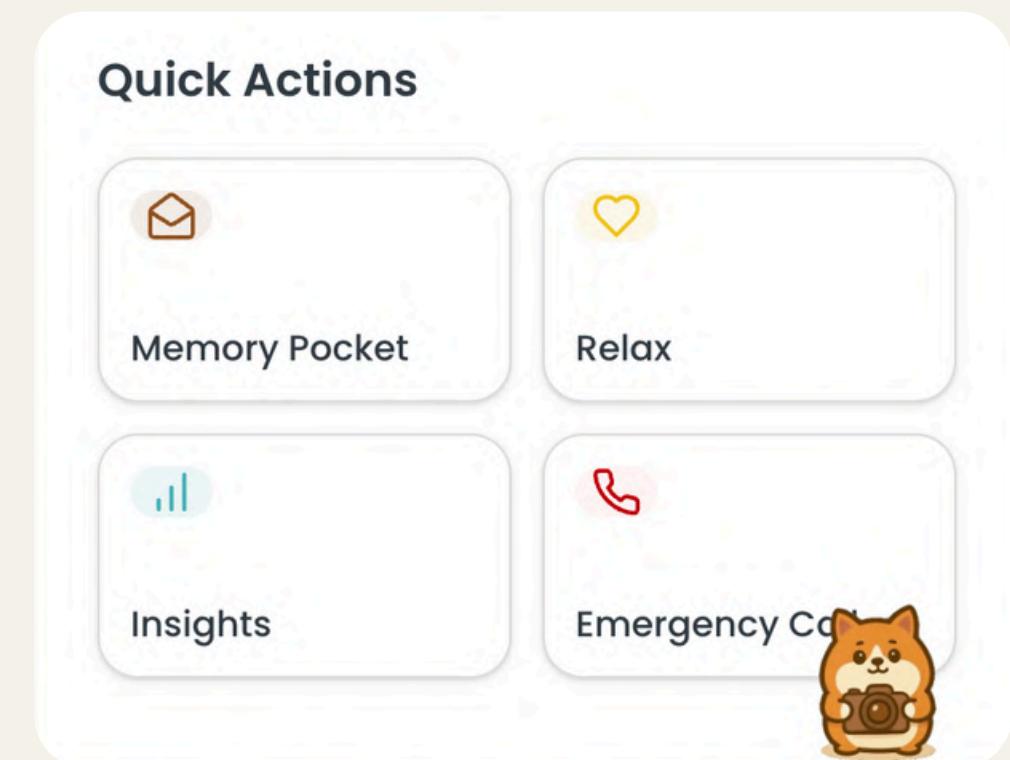
- Different color theme provided
- for each type of color blind users



## Dyslexia

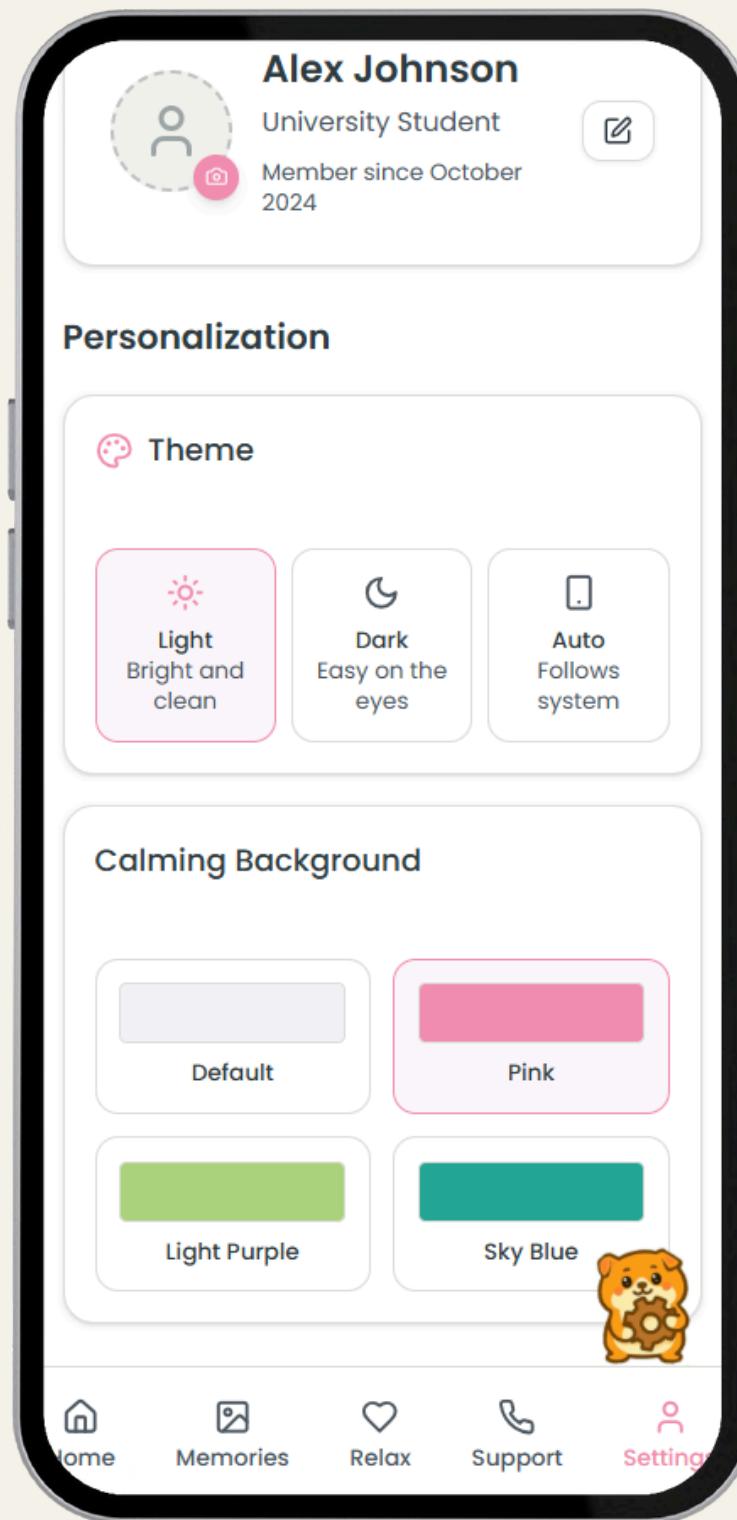


## Increased Font Size

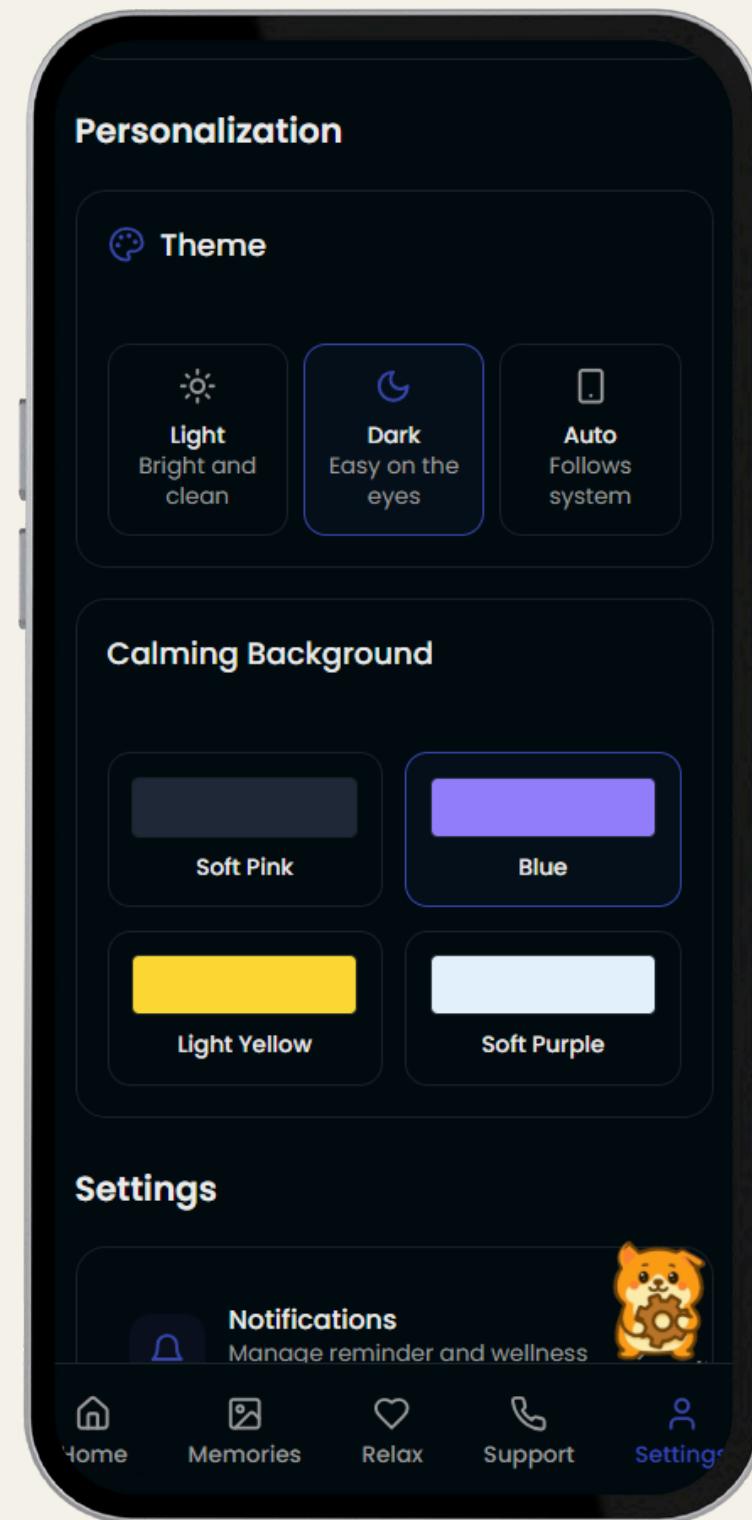


## Icons used

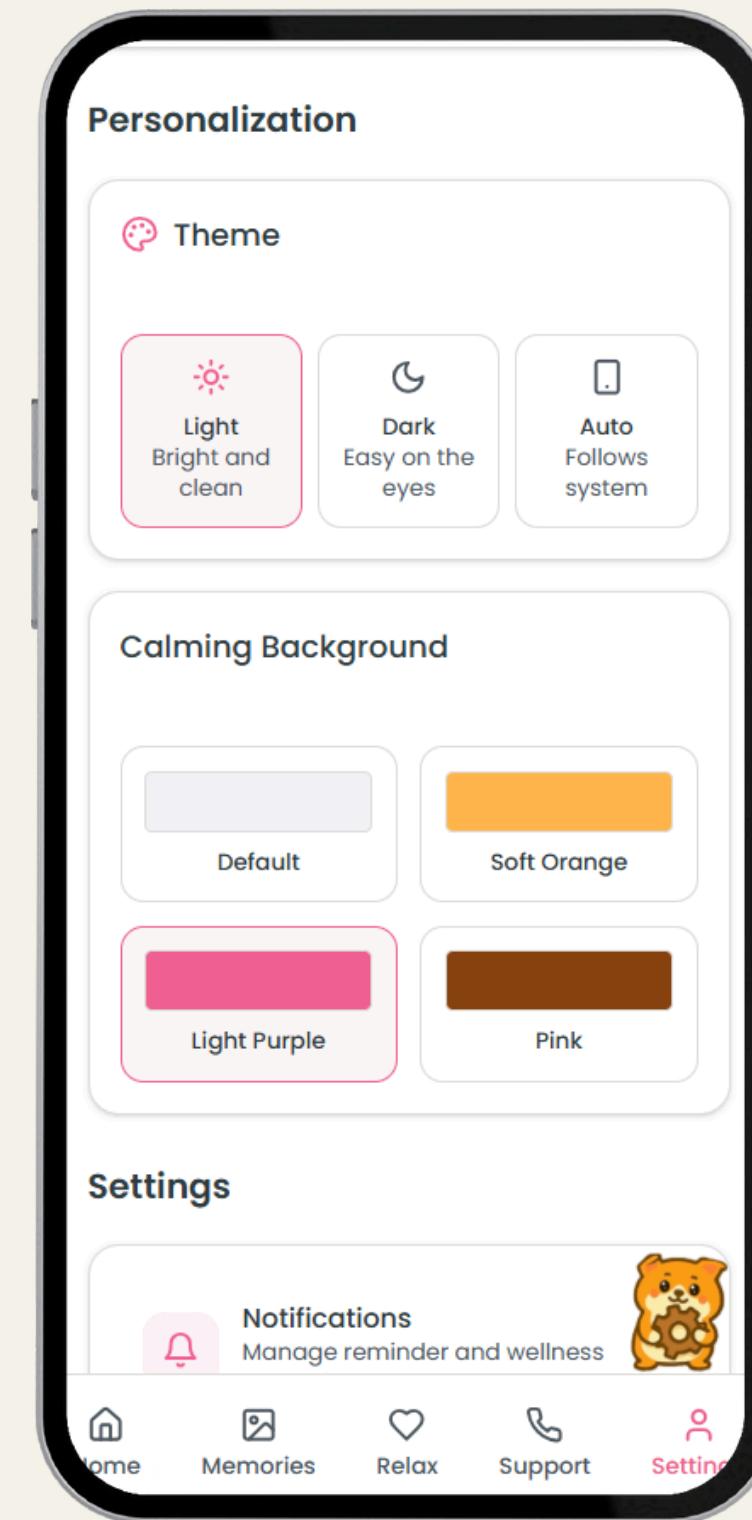
# PERSONALIZED EXPERIENCE (FOR COLOUR BLINDNESS)



Colour Blindness (Blue)



Colour Blindness (Red)



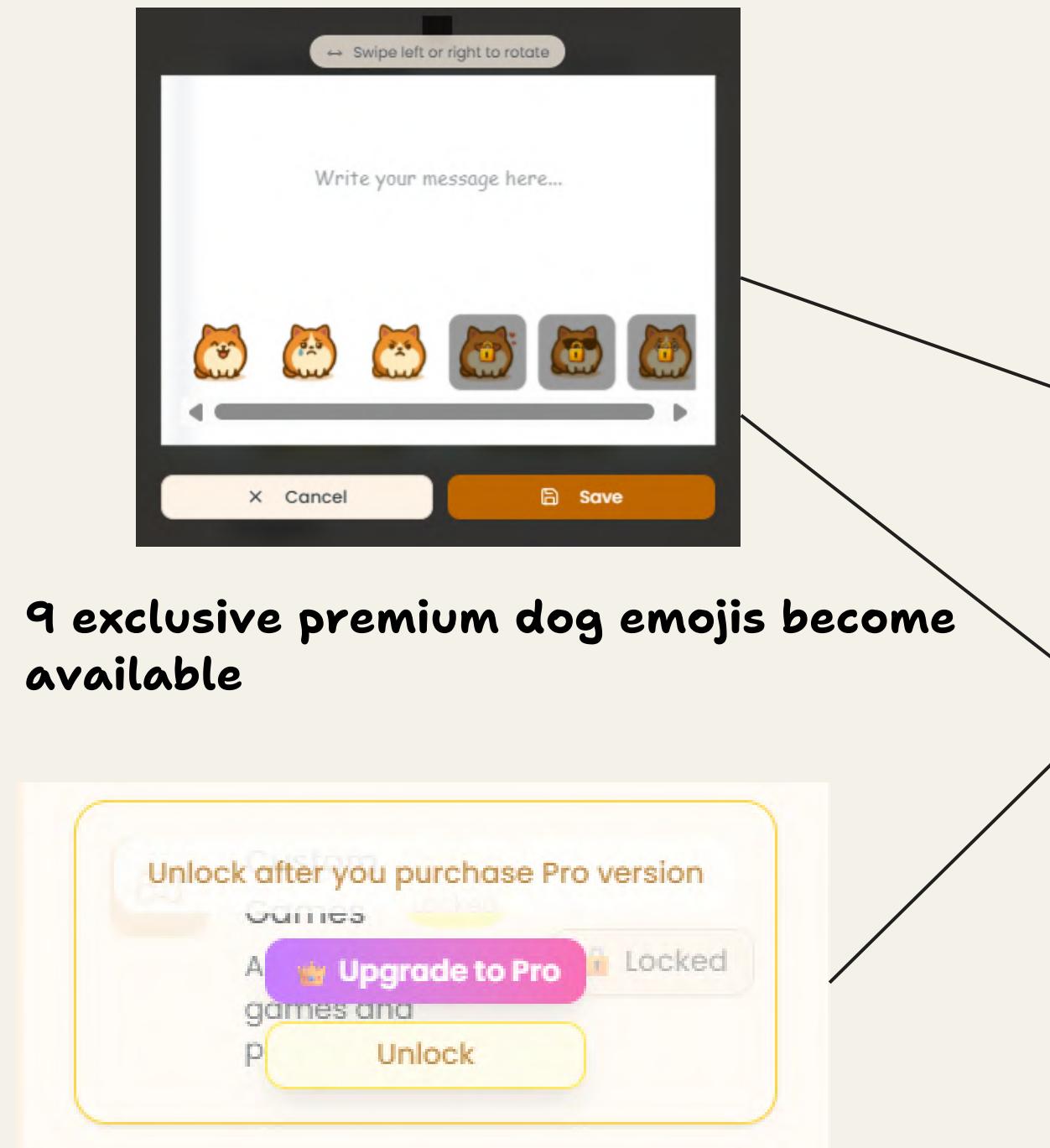
Colour Blindness (Green)

Struggling with color blindness? No worries! We've got you covered! Here are some colour choices designed to suit different types of color blindness

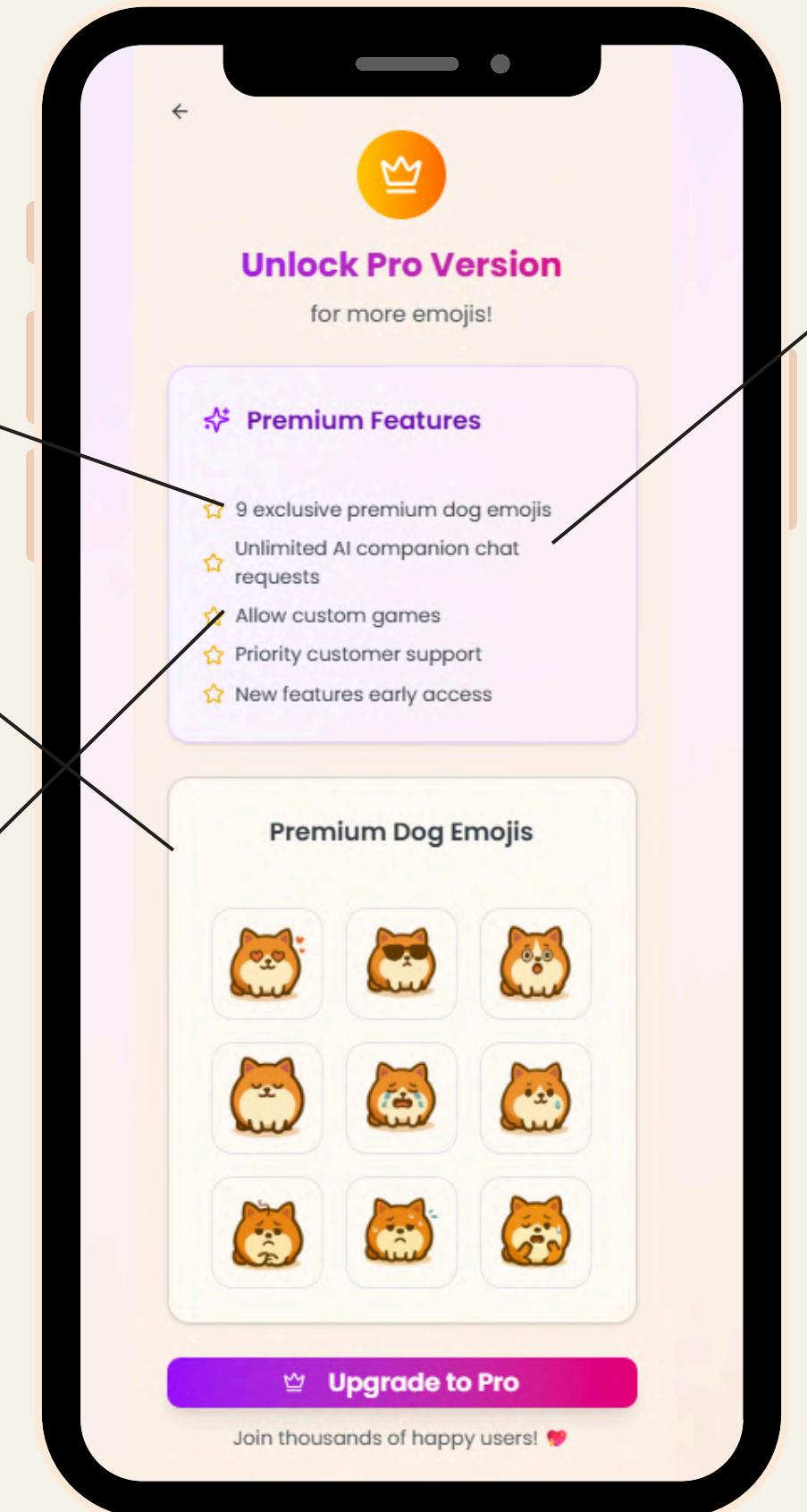
## 🌟 Impact of Personalized Experience

- **Inclusive access**
  - Users with colour blindness can comfortably navigate and enjoy the interface without barriers.
- **Greater satisfaction**
  - Normal users can personalise colours to their own taste, creating a more enjoyable and engaging experience.
- **Accurate color perception**
  - Color-blind users can see colors as closely as possible to how people with normal vision perceive them.

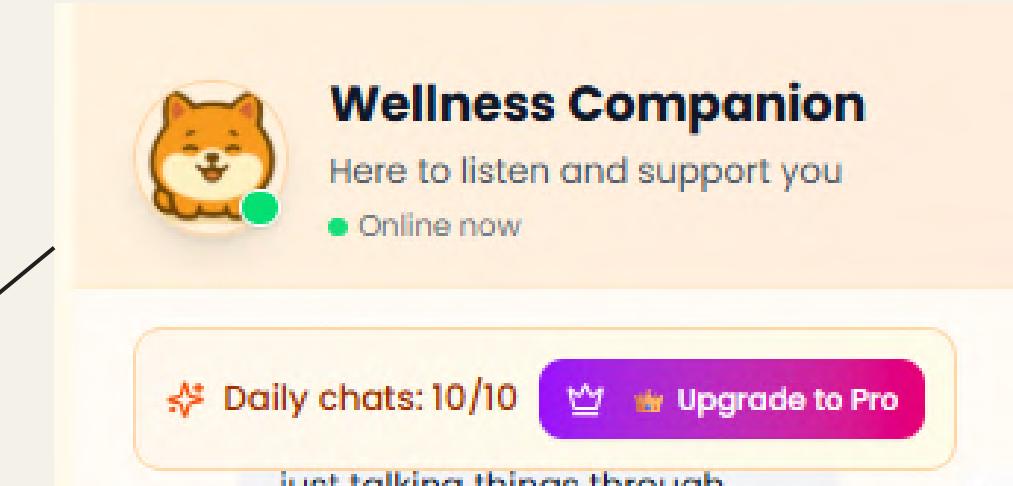
# MONETIZE - PRO VERSION BENEFIT



- 9 exclusive premium dog emojis become available



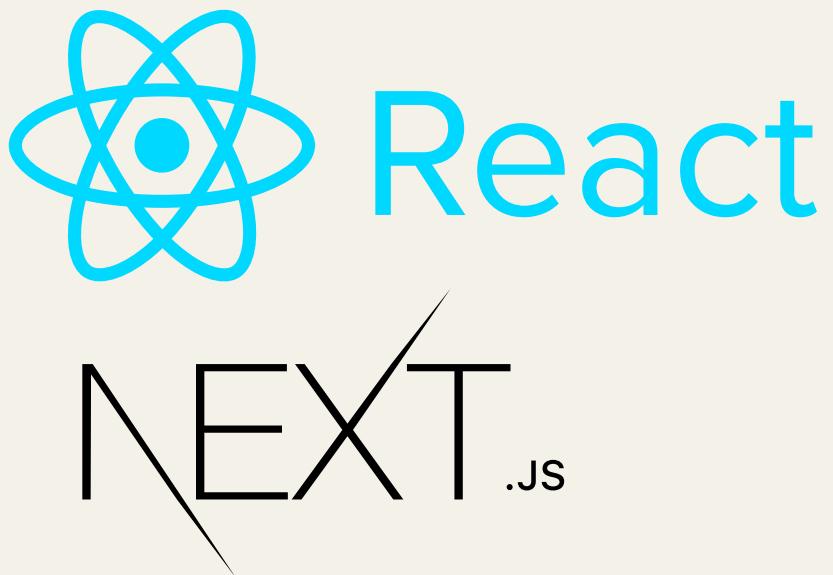
- Users are allowed to play or recommend custom games.



- Unlimited AI companion chat requests.

★ Two other benefits include:

- Priorities will be given on user's customer support.
- Early access available on new features before releasing to the official updates.



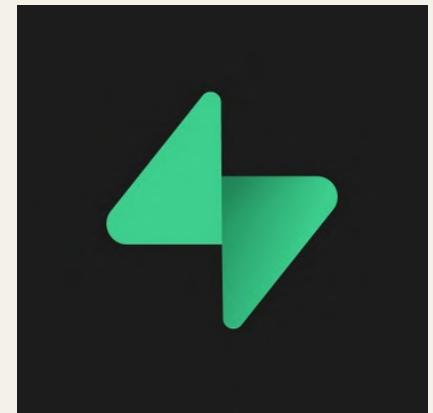
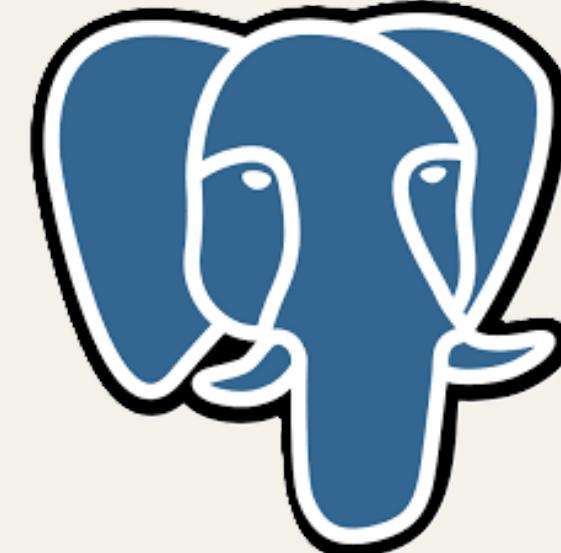
## Frontend Stack

Next.js, Tailwind CSS, React,  
TypeScript, Radix UI



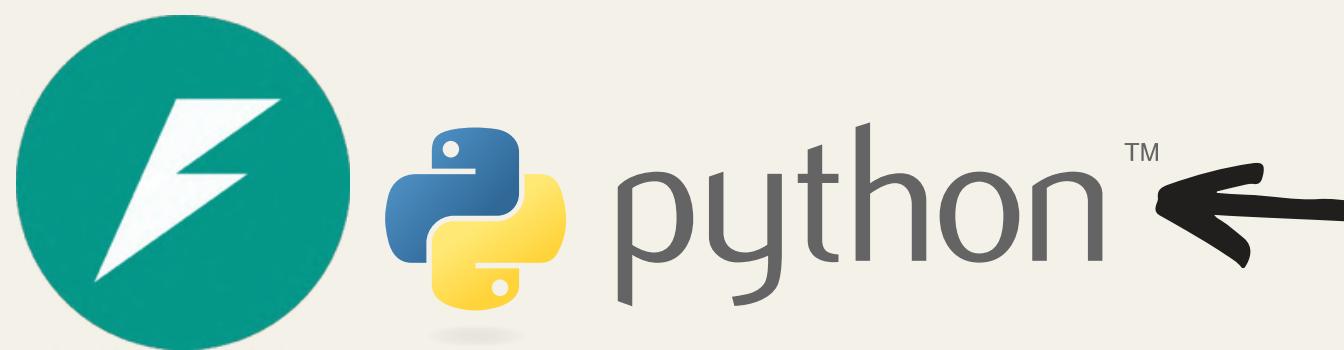
## Clerk Authentication

Seamless Google, Apple, Facebook  
authentication using Clerk



## Database

PostgreSQL, SQLite,  
SQLAlchemy, Supabase



## Backend Stack

FastAPI, Uvicorn, Python

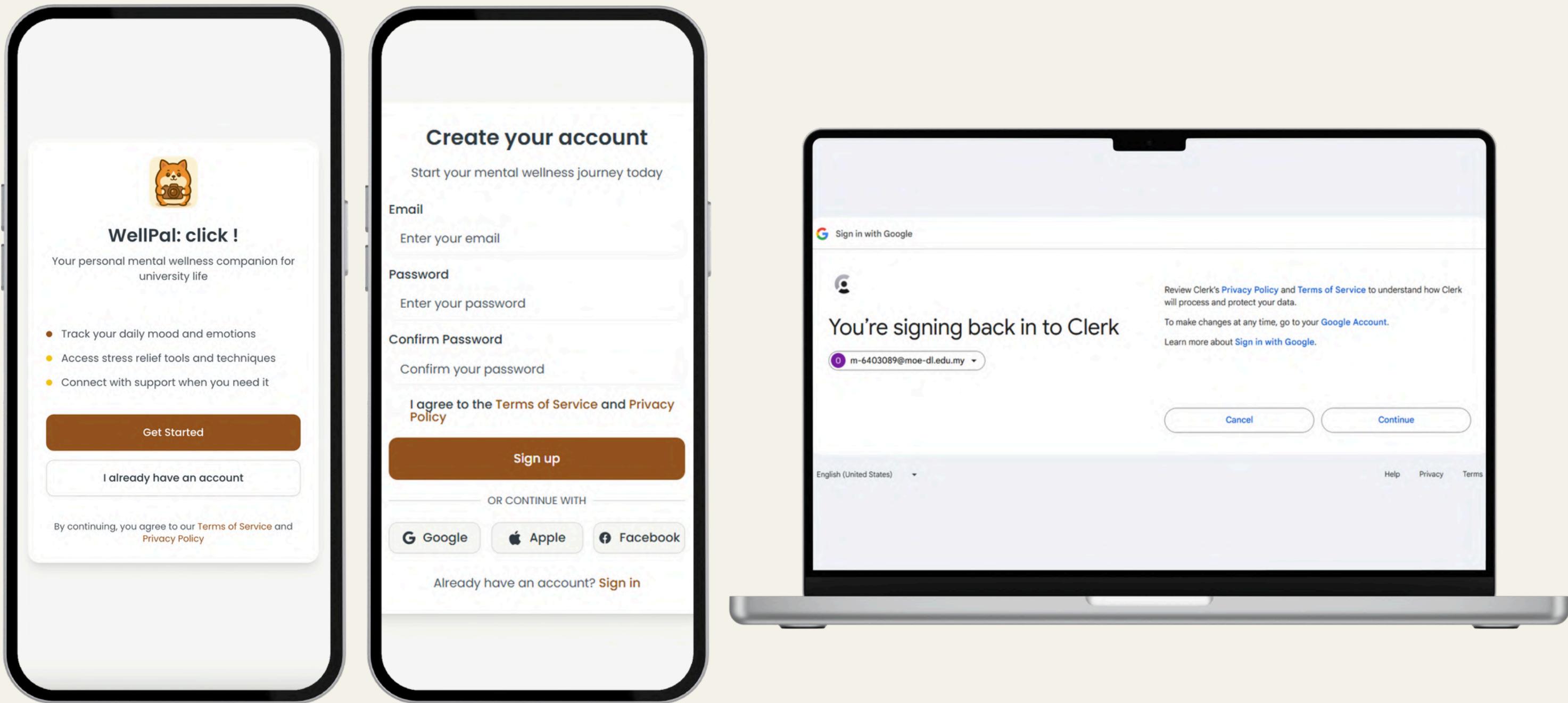
## Feasibility of Our Project



## Gemini AI Integration

LangChain, LLMs (Gemini),  
Google Generative AI

# SEAMLESS CLERK AUTHENTICATION

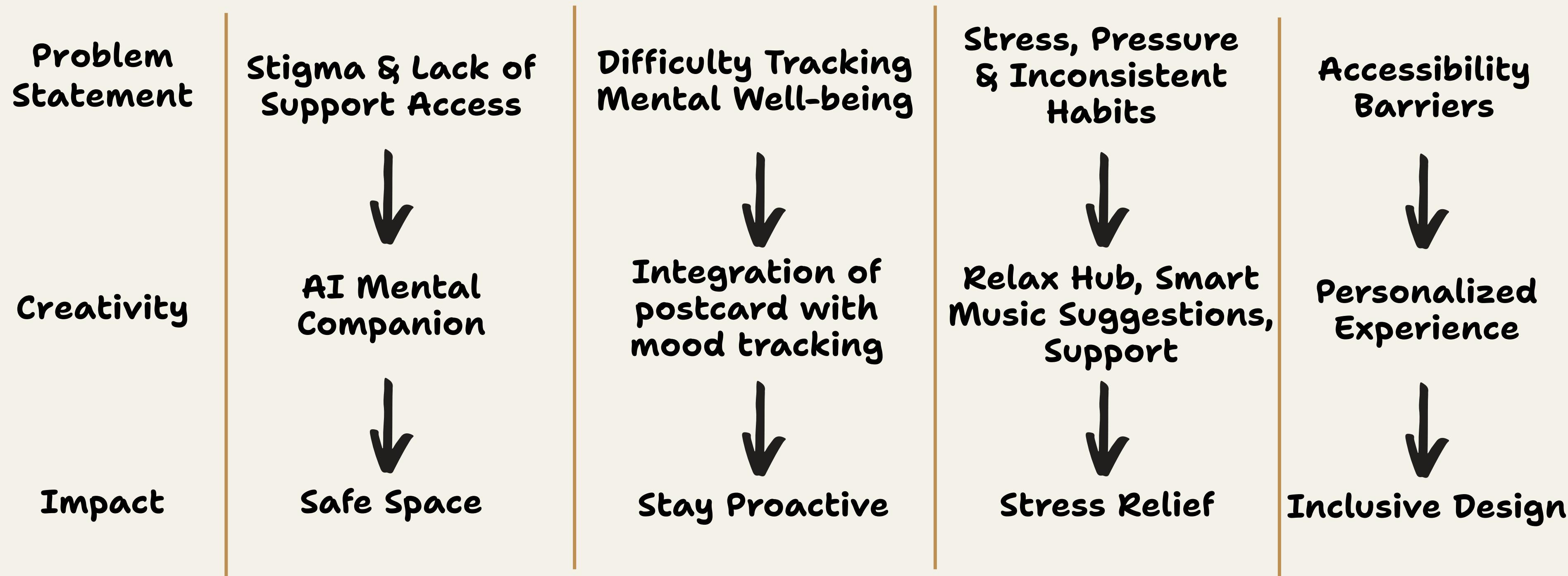


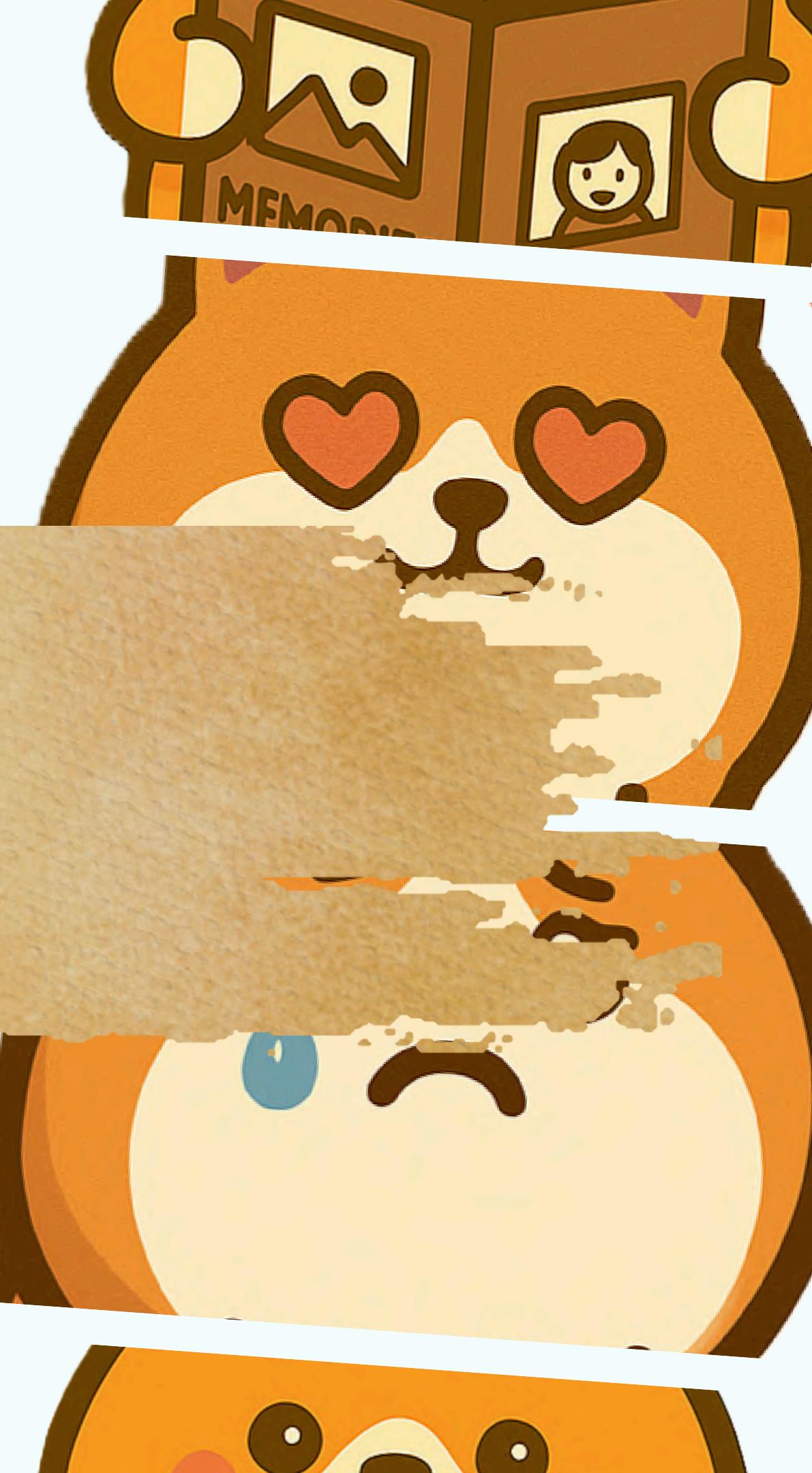
- ✓ Quick & Easy
- ✓ Secure
- ✓ Flexible

## 🔑 Sign-In Flow

- Users can sign in with Google, Apple, or Facebook based on their preference
- Redirects securely to the Clerk sign-in page

# Summary





Thank You!