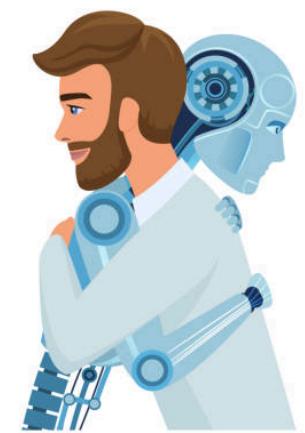




# Animoa

Your AI powered  
Mental Health Companion

A Capstone Project by,  
Bharath Kumar Swargam



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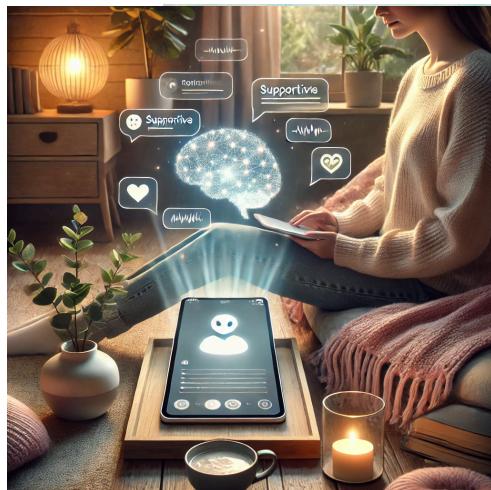
🔍 Overview

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## Overview

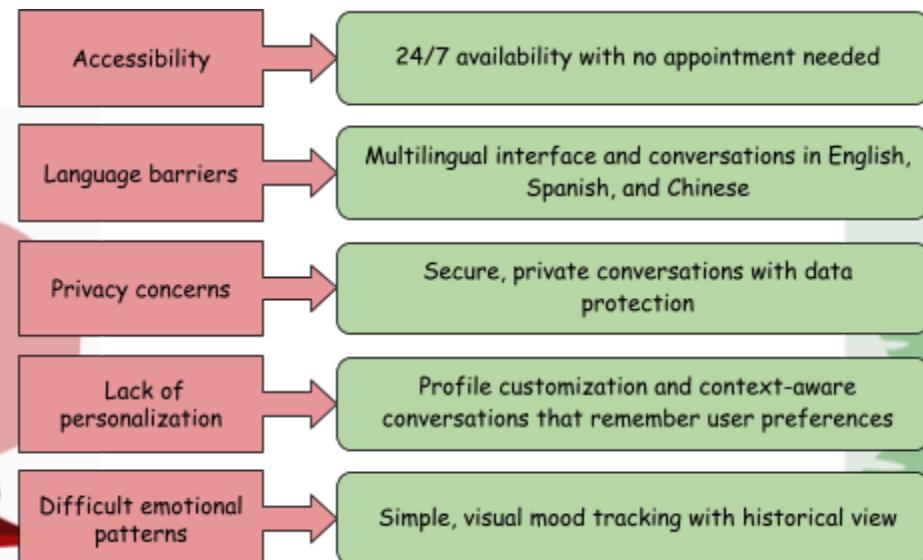
### What is Animoa?

Animoa is an **AI-powered mental health companion application** designed to provide accessible, personalized support through empathetic conversations, evidence-based assessments, and mood tracking in multiple languages : English, Spanish(español), and Mandarin Chinese(國語)

### Why Animoa Matters?

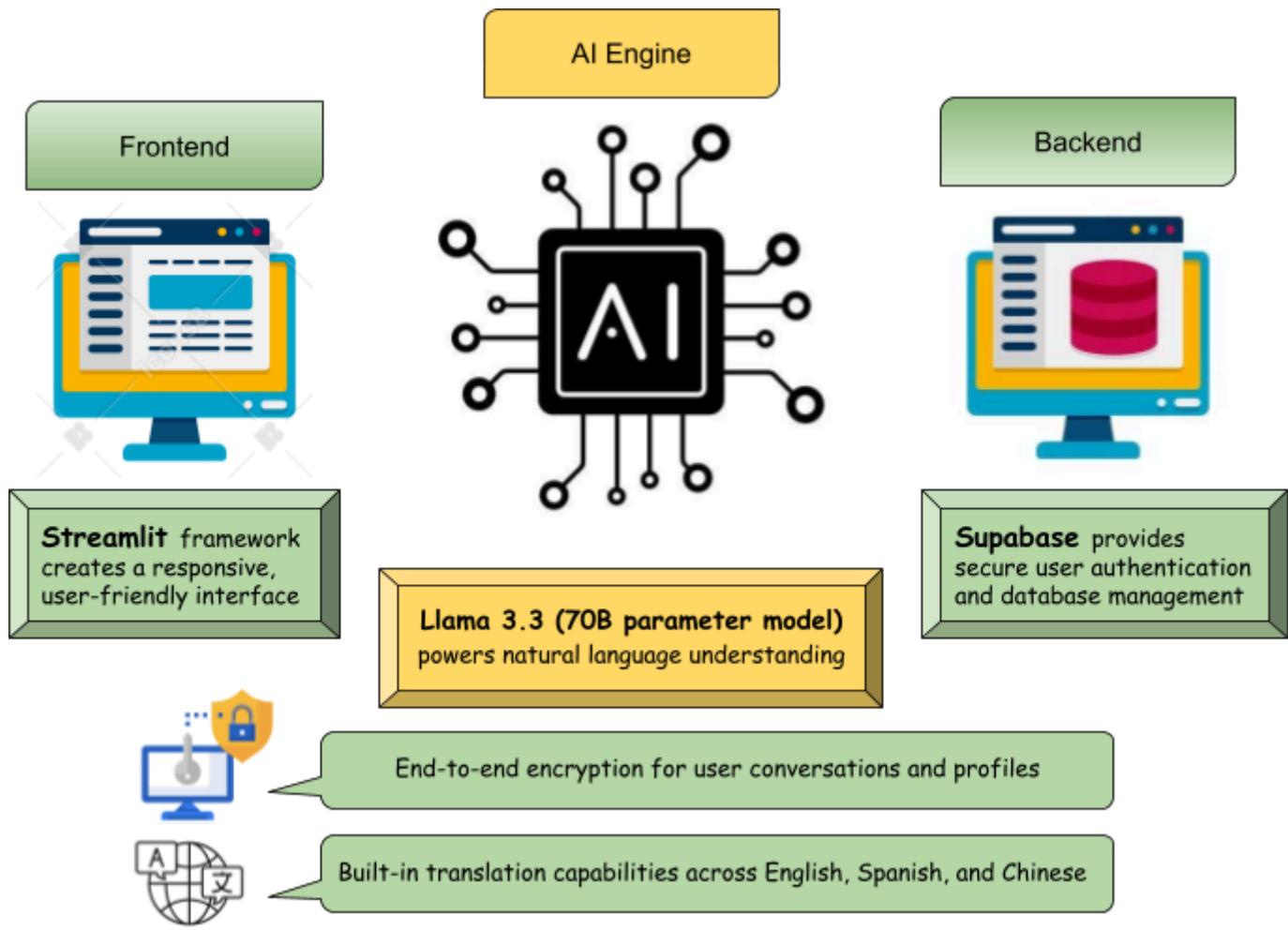
Mental health support remains inaccessible to millions due to cost barriers, stigma, language limitations, and provider shortages. Animoa addresses these challenges by offering a private, always-available digital companion that combines advanced AI language technology with evidence-based mental wellness approaches.

### Key Challenges & Animoa's Solutions



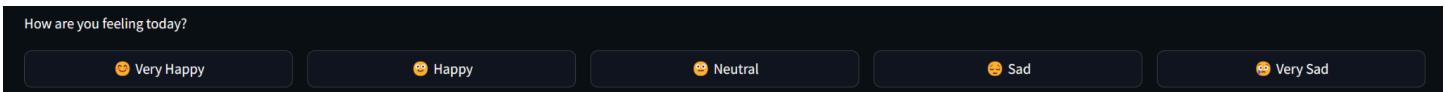
# How Animoa Works: Technical Architecture

Animoa leverages a modern technology stack to deliver personalized mental health support



## Key Features with Real-World Impact

1. **Empathetic AI Chat**💬: Natural conversations that adapt to user needs with supportive responses.
2. **Mental Health Advisory**📋: Evidence-based questionnaires that generate personalized recommendations and wellness insights of the user
3. **Visual Mood Tracking**📈: Simple tracking tool that helps users recognize emotional patterns.



4. **Personalized User Profiles**👤: Customizable preferences that create an individualized experience.
5. **Multiple Chat Sessions**📁: Ability to create and manage separate multiple conversations
6. **Download Feature**📥: Option to export personalized wellness insights as PDF documents for offline reference and sharing with healthcare providers

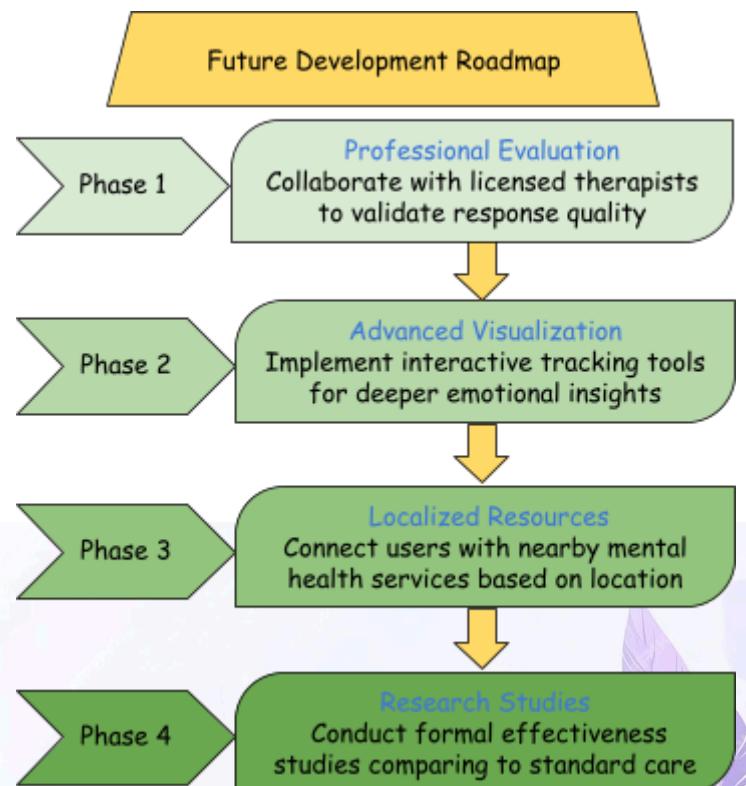
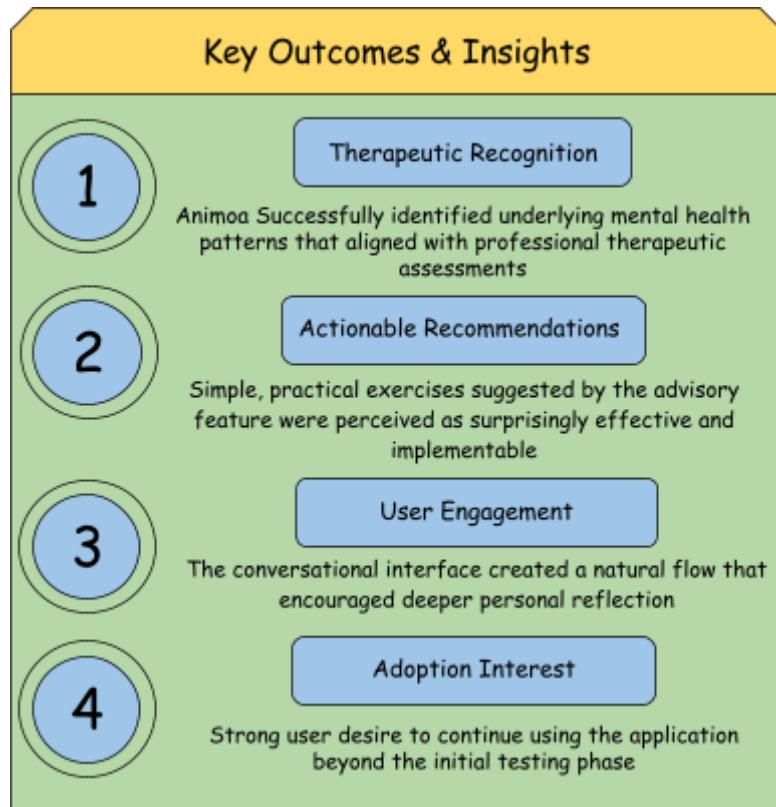
The screenshot shows the Animoa AI platform's user interface. At the top, there are navigation links: Chat, Wellness Insights, Mood, Profile, and About. Below the header, the main area is titled "Chat". It features a "Language" dropdown set to "English" and a "Translate conversation history" button. A "Delete Chat" button is also present. The conversation history is displayed in a list of messages. The messages are color-coded by user: pink for the AI and grey for the user. The AI messages provide empathetic responses to the user's concerns about work, bosses, and mental health.

Snapshot of Animoa's response to user's situation, and other features

## User Experience Case Study



"The model recognized the main aspect of my mental health issue which my personal therapist has been trying to tell me for the past 2 years. It made me reflect and introspect in ways I hadn't before." — PhD Student, Biology, University of Maryland Baltimore (Institute for Genome Sciences)



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