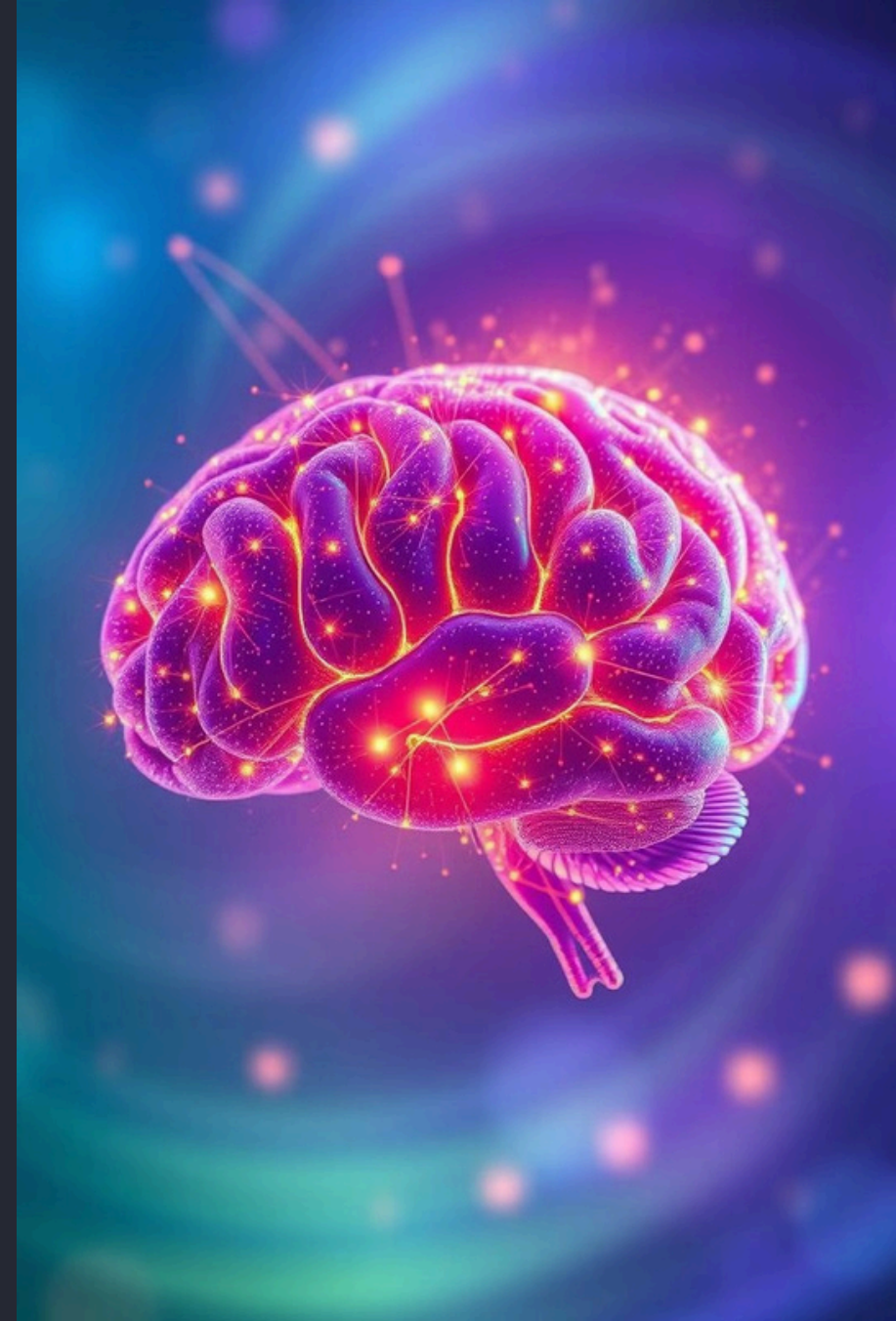# AI-Powered Mental Health App

ibui presents our AI-powered mental health app. We merge AI Chatbot Therapy with Facial/Environmental Analysis. Our goal is to revolutionize mental healthcare. This app offers personalized and accessible support.

- by Team Ibui

Inspiration & Objective

Living in an engineering hostel, we often witness many students struggling with depression. This can stem from academic pressure, relationship issues, or personal struggles.
One of the biggest challenges they face is the lack of a non-judgmental space where they can openly express their emotions without fear of being mocked or misunderstood.

Our project aims to bridge this gap by providing an AI-powered mental health companion, offering support, guidance, and a safe space for students to share their thoughts.

Project Overview

AI Chatbot
AI-driven CBT therapy provides personalized conversations.

Mood Tracking
Track and analyze your mood over time for insights.

Facial Analysis
Detect emotions using advanced facial analysis.

Env. Detection
Assess environmental factors impacting mental health.

We combine AI with facial and environmental analysis. This delivers comprehensive mental health support. Our app offers personalized recommendations.

Research & Planning

1 AI Chatbot
CBT-based therapy, 24/7 availability.

2 Facial Analysis
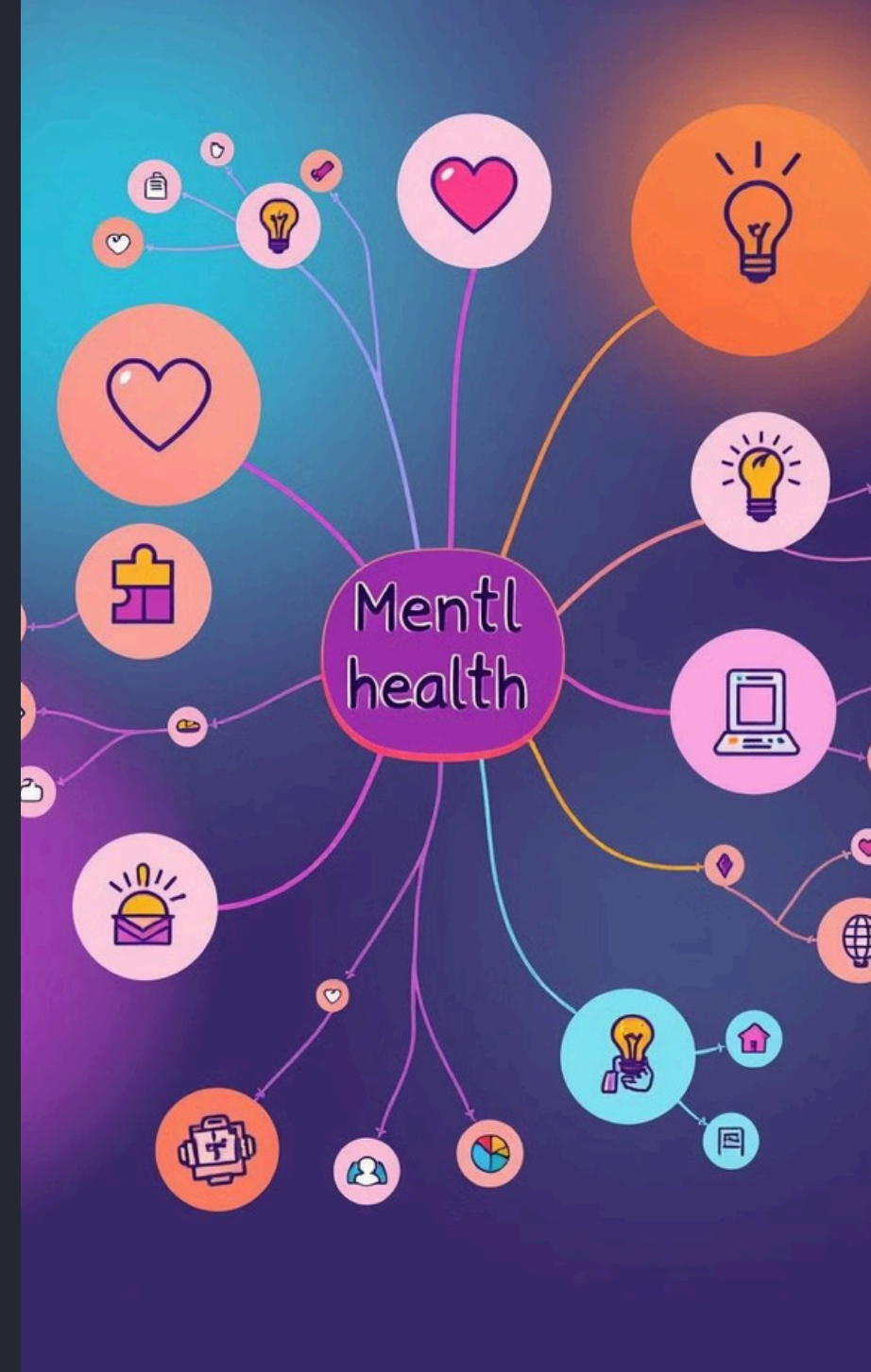Mood detection from facial expressions.

3 Env. Analysis
Lighting and clutter detection.

4 Mood Tracking

Progress analytics for users.

Our core features include a CBT chatbot and facial analysis. We also offer environmental assessment and mood tracking. Personalized recommendations drive user engagement.

Prototyping & Model Dev

AI Chatbot

Train NLP model for CBT. Implement sentiment analysis. Store chat history.
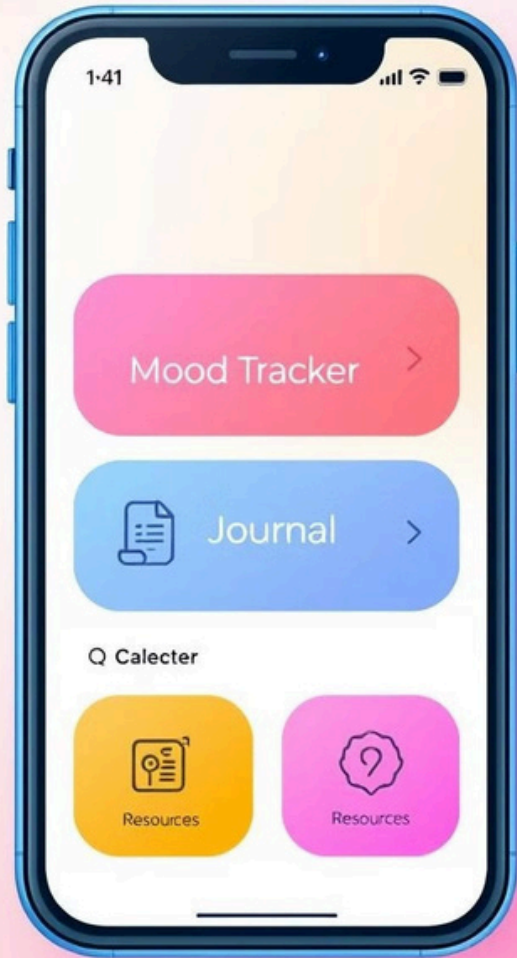
Facial Analysis

Train emotion detection model. Detect sadness and fatigue.

Env. Analysis

Lighting analysis for dark spaces. Background clutter detection.

Our prototyping phase involves training AI models. We focus on CBT chatbots and emotion detection. Environmental analysis identifies stressors.

Development & Integration

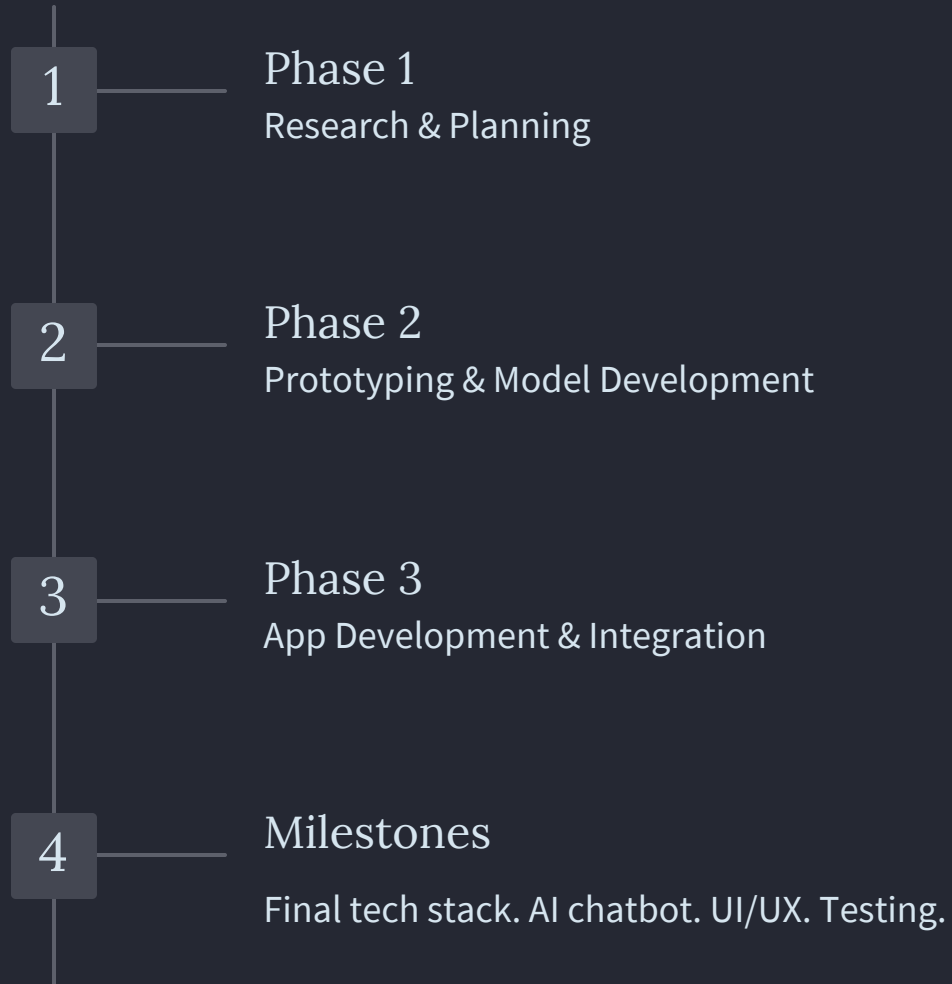|	
1	**Frontend Design** Minimalist and calming UI/UX.
2	**Backend Dev** Secure user authentication and data storage.
3	**Integration** Unified system with AI components.

We focus on minimalist UI/UX design. Secure backend development is essential. Integrating AI components creates a unified system.

Roadmap & Timeline

1   Phase 1
Research & Planning

2   Phase 2
Prototyping & Model Development

3   Phase 3
App Development & Integration

4   Milestones

Final tech stack. AI chatbot. UI/UX. Testing.

Our roadmap includes research, prototyping, and development. We finalize the tech stack and core features. Testing ensures a successful launch.

Future Enhancements

Real-time Connection
Connect to therapists.

Multi-Language Support
Support multiple languages.

Daily Check-ins
Daily mental health assessments.

Future enhancements include therapist connections and multi-language support. Daily mental health check-ins promote engagement. We aim to scale our impact.

Q&A

Thank you for your time and attention. We welcome your questions and feedback.

Team Members

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