

■ MindScribe – AI-Powered Mental Fitness Companion

“Your private space to grow stronger, every day.”

■ Problem

In India, mental health stigma keeps many young people from seeking help. Counseling feels intimidating, costly, or unavailable. Students under exam and social pressures often lack safe, non-judgmental spaces to express themselves.

■ Solution

MindScribe is a confidential mental fitness companion for youth — not a chatbot, not therapy — but a self-expression and growth platform. Youth can journal via text, voice, or drawings. AI converts this into emotion insights, evolving avatars, and generative coping capsules. Anonymous peer reflection and a safety net complete the experience.

■ Core Features

- Multimodal Journaling Hub (text, voice, drawings with Gemini 1.5 Pro)
- Emotional Twin (evolving avatar reflecting mood & resilience)
- AI Insights Dashboard (Looker Studio, non-stigmatizing visuals)
- Coping Capsules (AI-generated breathing, music, stories, art)
- Anonymous Peer Reflection (AI-moderated wall + swarm insights)
- Smart Safety Net (AI agent nudges helplines in distress)

■ Tech Stack (Google Cloud Tools)

- Gemini API (Vertex AI) – multimodal journaling + generative coping content
- Vertex AI Studio – fine-tuned youth sentiment/emotion classifier
- AI Agent SDK – orchestrates Emotion, Twin, Coping, Swarm, Safety Agents
- Cloud Run + Pub/Sub – scalable backend orchestration
- Firestore (encrypted) + Cloud SQL – secure journaling storage
- Cloud KMS + Confidential Compute – privacy & encryption
- Looker Studio – personal dashboards
- YouTube API – playlists integration
- Firebase Auth – anonymous, stigma-free login

■ System Architecture

User → Journaling Hub → Gemini + Vertex AI → AI Agents (Emotion, Twin, Coping, Safety, Swarm) → Cloud Run + Firestore → Dashboards (Looker Studio) + Capsules + Peer Wall + Safety Net

■ Impact & Feasibility

- Strong alignment with youth mental wellness cause
- Gamified & stigma-free approach → higher adoption
- Scalable via schools, NGOs, and EdTech platforms
- Freemium model ensures sustainability