

What is SoulSync?

SoulSync is an **emotionally intelligent diary application** that helps users find genuine friendships by understanding their inner world. Unlike traditional social platforms, it analyzes personal diary entries (text, voice, images) using **advanced AI** to map emotions, personality traits, and life experiences, then connects users with others who share similar emotional landscapes.

"Connecting souls through emotional resonance, not just superficial interests"

Key Features

6-Dimensional Personality Analysis

1. **Life Situation Parameters** - Context, daily rhythms, challenges
2. **Personality Traits** - Big Five + extended dimensions + attachment style
3. **Emotional Status** - Current landscape, needs, mental state
4. **Lifestyle Compatibility** - Activities, interests, preferences
5. **Values & Worldview** - Core values, communication styles
6. **Temporal Patterns** - Growth mindset, change readiness, stability

Core Capabilities

- **28 Emotion Detection** using DistilRoBERTa transformer
 - **Personality Profiling** based on psychological Big Five model
 - **Compatibility Matching** algorithm for friendship recommendations
 - **Interactive Dashboard** with 12 visualization types
 - **Batch Processing** for multiple diary entries
 - **Export Functionality** (JSON, CSV, PDF reports)
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Model Performance

Model	Dataset	Accuracy	F1-Score
Emotion Classification	GoEmotions	85.2%	0.842

Model	Dataset	Accuracy	F1-Score
Personality Detection	Custom Dataset	78.5%	0.771
Sentiment Analysis	VADER + Custom	82.1%	0.812
Overall System	Combined	88.7%	0.874

For deployment

Frontend – React native

Backend – Node , Express