SoulSync AI: Emotionally Intelligent Diary & Friendship Matching System 🌼

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)

Model Performance

Model	Dataset	Accuracy	F1-Score
Emotion Classification	GoEmotions	85.2%	0.842
Personality Detection	Custom Dataset	78.5%	0.771
Sentiment Analysis	VADER + Custom	82.1%	0.812
Overall System	**Combined**	**88.7%**	**0.874**