

## Project Description

**Project Title:** Smart Daily Journal

**Platform:** Flutter (IOS & Desktop )

### **Core Idea:**

Smart Daily Journal is a private, AI-powered personal journal designed to help users reflect on their thoughts, track emotional well-being, and grow through self-awareness. The app analyzes daily entries to detect mood, emotions, and recurring life themes using NLP (Natural Language Processing). It visualizes emotional trends over time and provides personalized insights, motivational feedback and encourages gratitude. The app enables **secure journaling** with offline data storage. The User can also insert other sources of text (chat with a friend, post from personal blog etc.) and request an AI analyses.

## Optional Requirements to be Implemented

Optional Feature	Description
Multi-platform support	IOS+ Desktop
Custom animations	Smooth page transitions, mood charts, and sentiment animations
Firebase Auth	Optional login with Google/email
Multi-step form	“Daily reflection form” with multiple emotional prompts
CI/CD	GitHub Actions for lint, test, and deploy to Firebase Hosting
Platform channel	Use local text-to-speech via platform channels

Internationalization English + (Polish or Russian)

Local data persistence Offline Hive/SQLite

## User Stories

### User Story

As a user, I can **sign in** to access my personal journal data securely.

As a user, I can **write a daily reflection** and save it.

As a user, I can **view emotional trends** over time.

As a user, I can **receive AI feedback** on my mood and writing.

As a user, I can **log accomplishments** and track my growth.

As a user, I can **practice gratitude journaling** guided by AI chatbot prompts.

As a user, I can **use the app offline (without AI analyses)**.

As a user, I can **switch language** (English/Polish or Russian).

As a user, I can **see animations and smooth transitions**.

As a user, I can **export or back up my journal**.

