Life Wallpaper – Final Product & Technical Documentation (V1)

Product Summary

Life Wallpaper is a minimal, cross-platform time-awareness application that visualizes one calendar year as a grid of dots. Each day, one dot fills automatically. The wallpaper updates silently without user interaction. A subtle percentage indicator at the bottom shows how much of the year has passed. The app is intentionally minimal and distraction-free.

Core Principles

- Extreme minimalism
- Automatic daily update
- Offline-first behavior
- No data collection
- Emotion over information

Platform Support

Android: Implemented as a true Live Wallpaper using Android system APIs. iOS: Implemented using Lock Screen Widgets due to system limitations. Both platforms share identical visual logic and year calculations.

Feature Scope (V1)

- Year calendar with 365/366 dots
- Automatic daily progression
- Muted percentage indicator at bottom (e.g., '4% gone')
- Android Live Wallpaper / iOS Lock Screen Widget

Explicitly Excluded Features

- No free usage period
- No accounts or login
- No notifications or reminders
- No analytics or tracking
- No ads on wallpaper

Monetization Model (FINAL)

The application is NOT free after installation. Immediately after first launch, the user must purchase access to use the wallpaper. The pricing model is a one-time yearly subscription.

- Price: ■99 per year
- Payment required before wallpaper activation

- No free trial period

- Access valid for one full calendar year

- Re-purchase required for next year

Payment Implementation

Android payments are handled using Google Play In-App Purchases (yearly subscription or yearly non-renewing product). iOS payments are handled using Apple In-App Purchases. Payment restoration is automatic when the same store account is used.

User Flow

- Install app

- Open app → payment screen shown

- User pays ■99

- Wallpaper setup enabled

- Wallpaper updates automatically daily

Tech Stack

- Shared Logic: Flutter/Dart

- Android: Kotlin + LiveWallpaperService + Canvas

- iOS: Swift + WidgetKit

- Backend: None

Privacy & Compliance

The app does not collect, store, or transmit any user data. No internet permission is required. Fully compliant with Google Play and Apple App Store policies.

Final Definition: Life Wallpaper is a paid, minimal, cross-platform time visualization wallpaper that requires a ■99 yearly payment after installation and silently shows the passage of time through a daily-updating dot grid.