PROJECT 02 - SONICFLASH (ANDROID)

GITHUB

https://github.com/EsmailElhanash/SonicFlash

TYPE

Android app (public code)

DATE

Published: Sep 19, 2024

ONE-LINE SUMMARY

A lightweight flashlight app that controls the camera torch and provides multiple blinking/effect modes (including SOS), with ads monetization.

MY ROLE

Android Developer (solo / main contributor)

KEY FEATURES (FROM PROJECT CONTEXT + CODE)

- Torch ON/OFF control
- Effect modes (SOS + blinking/pulse patterns)
- Simple UI focused on quick access and fast startup
- Ads integration (AdMob)

EFFECT MODES (BEST-EFFORT FROM STRINGS/README)

[Not listed explicitly in strings/README]

TECH STACK (FROM GRADLE)

- Kotlin
- Jetpack Compose, Lifecycle
- Android flashlight control (CameraManager / torch mode)

BUILD INFO (FROM GRADLE)

- applicationId: n/a
- compileSdk: n/a
- targetSdk: n/a
- minSdk: n/a

PERMISSIONS (FROM MANIFEST)

android.permission.ACCESS_NETWORK_STATE, android.permission.CAMERA, android.permission.FLASHLIGHT, android.permission.FOREGROUND_SERVICE, android.permission.FOREGROUND_SERVICE_CAMERA, android.permission.INTERNET, android.permission.POST_NOTIFICATIONS, com.google.android.gms.permission.AD_ID

PROOF

- GitHub repo link above
- Screenshots: [PENDING]
- Demo video (optional): [PENDING]
- Store link (optional): [PENDING]