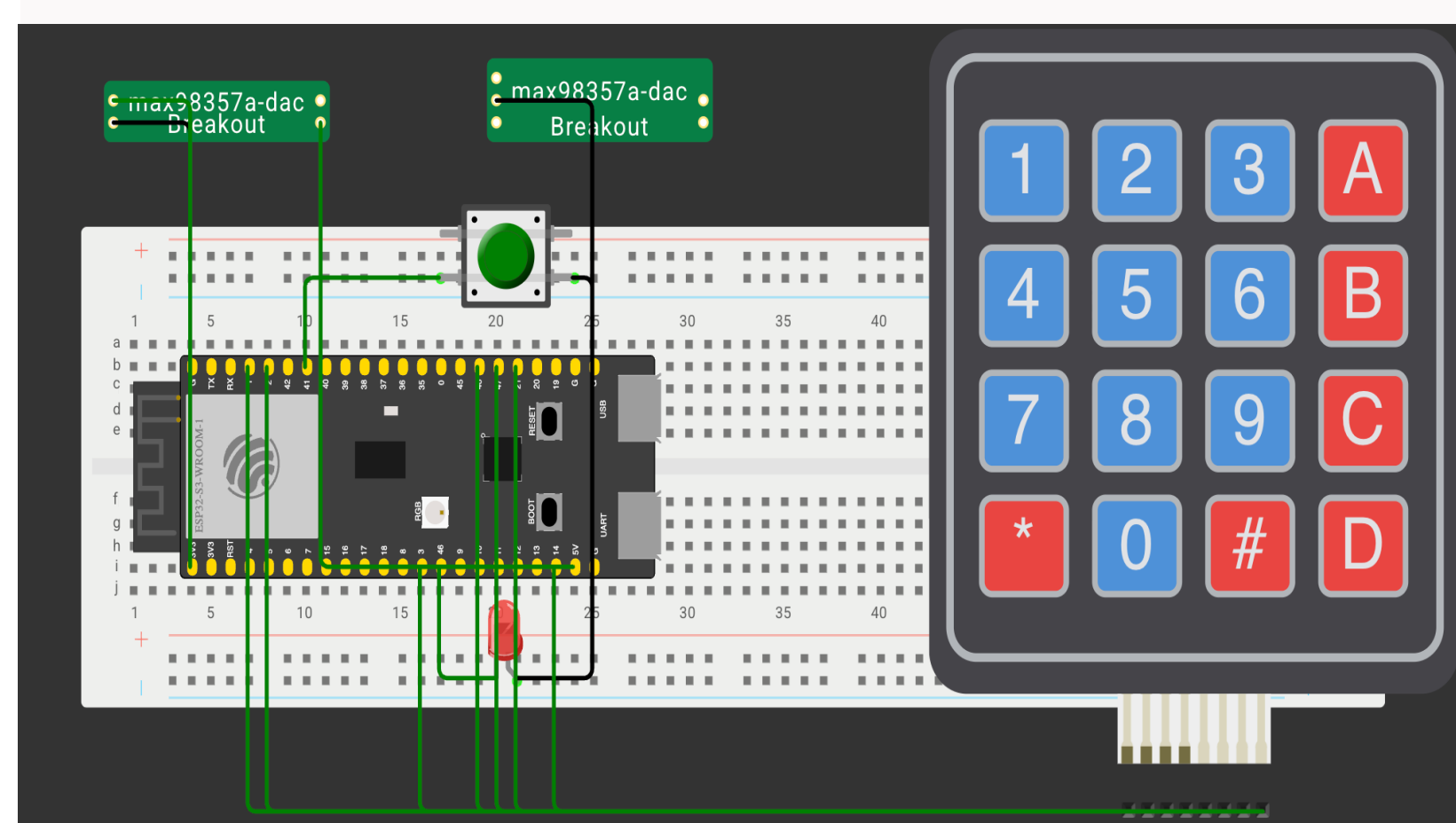# Smart Doorbell
See, verify, and unlock remotely.

Problem: When away, homeowners miss door events and can't verify visitors or control access securely.

Project: Smart Doorbell is an ESP32-S3-CAM + Firebase + Flutter system for remote door monitoring and control.
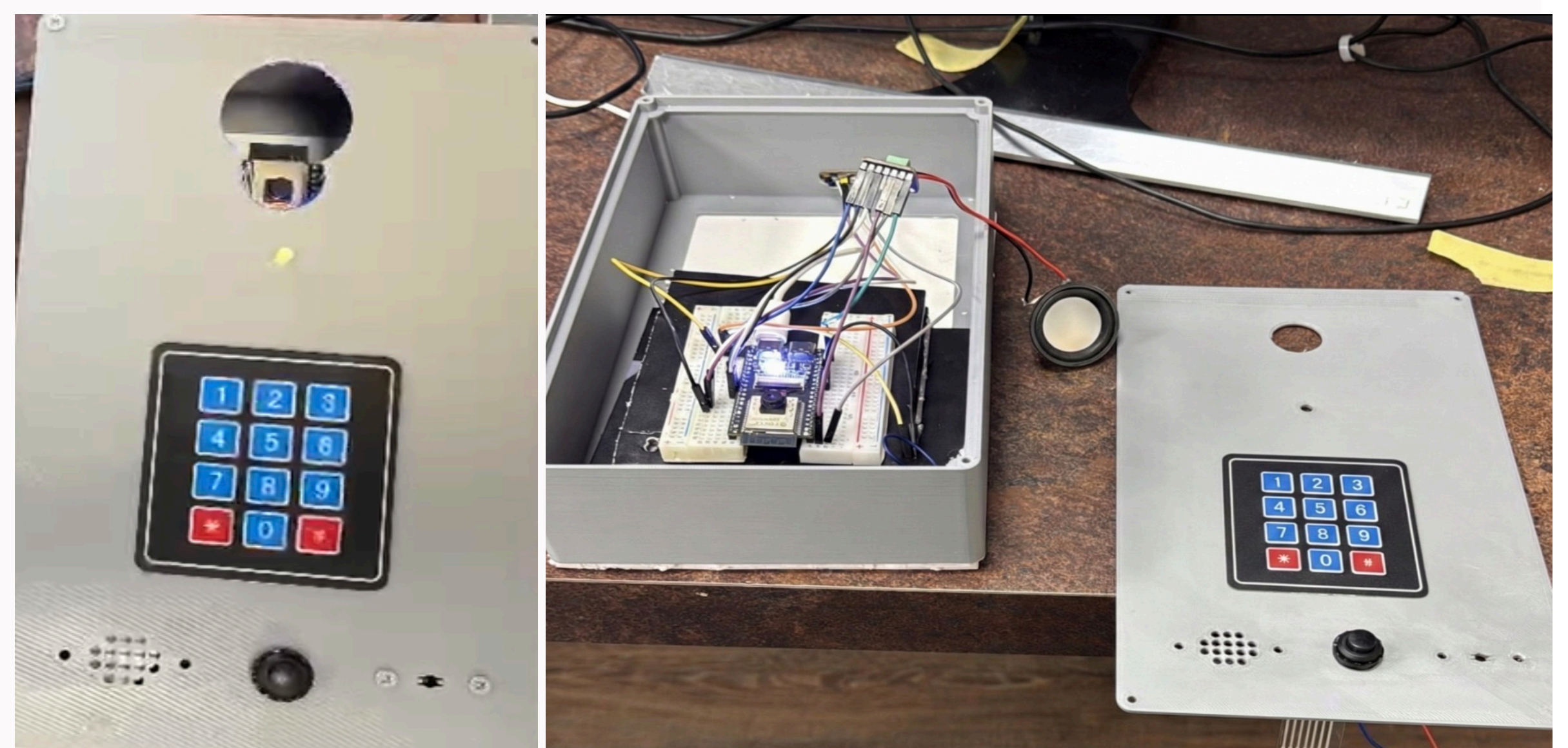
Main features : Snapshot-on-press with instant alerts + event history, Live/semi-live viewing with two-way talk, Secure access control (one-time codes, remote unlock, auto-relock, and PIN lockout).

Uniqueness: Offline-safe capture with queued cloud sync and built-in security policies to prevent misuse.
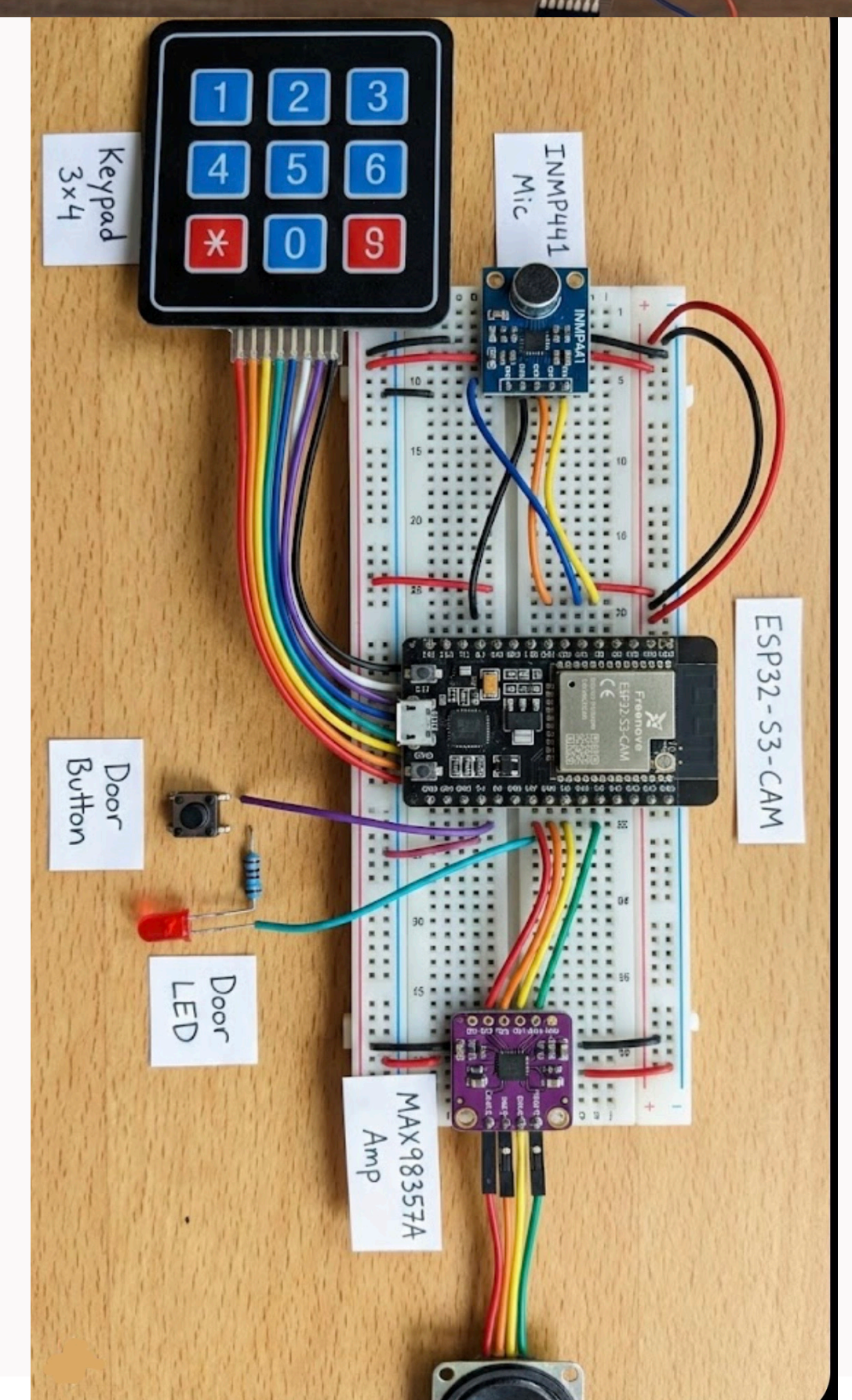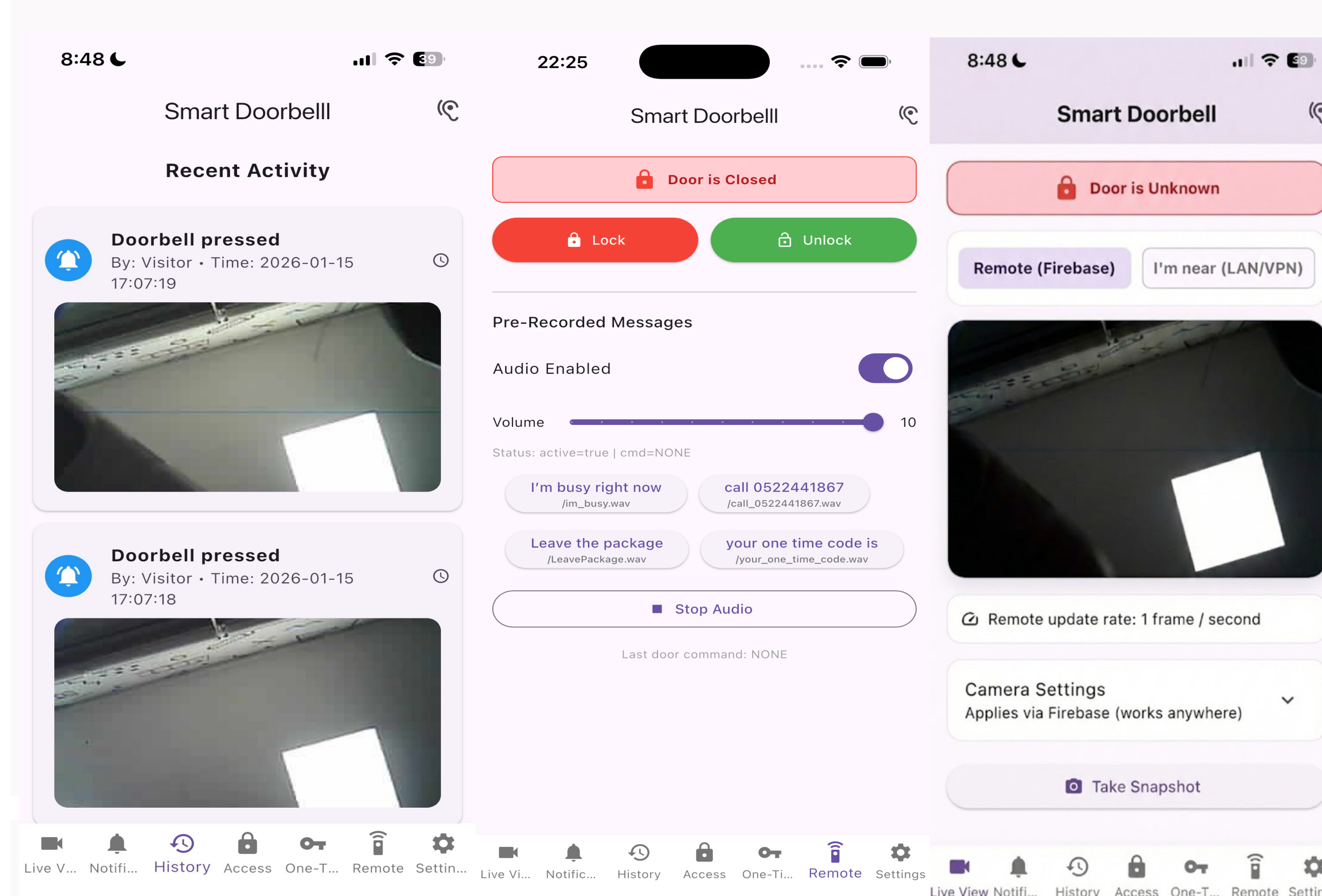
Wiring Digram

Physical Prototype

Flutter app

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A Project in Internet of Things (IoT)