

Title: Revised Project Specification — PillBox v1 (October 2025)

Project Goal (Unchanged)

To design a simple, beginner-friendly medication reminder app (PillBox) that helps older adults adhere to prescriptions through clear scheduling and real-time pop-up notifications.

Scope

Technical Implementation: Confirmed Tkinter GUI instead of Flask.

Data Handling: CSV storage sufficient; SQLite postponed to Version 2.

Reminders: Added immediate UI refresh (`update_idletasks()`) after actions.

UI/UX: Simplified interface for older adults (large buttons, fixed layout).

Future Features (Proposed): Edit/ Delete meds, persistent snoozes, analytics chart, improve date and time (make the medication time/ date entry more user friendly), and use check buttons for the day selection

Testing Plan

Manual testing for dose logging, UI refresh, and CSV creation.

Version 2 will include automated validation tests for time input and file consistency.