

Sketch 1

Title: Pill Dispensary Design - Touchscreen Centric

Description:

This design uses a small, embedded touchscreen interface as the primary mode of interaction. The device is compact, featuring a receptacle for pill dispensing and a refill compartment at the top. The screen displays notifications, medication schedules, and alerts.

Key Features:

Touchscreen Interface: Users interact with the device through a color touchscreen, with large, readable fonts for seniors.

Dispensing Mechanism: Pills are dispensed into a visible tray with a light sensor to confirm retrieval.

Refill Compartment: Located at the top, it is easy to open and provides a funnel for loading pills.

Notification Panel: Clear on-screen alerts for reminders, refills, and errors.

Cloud Connectivity Indicator: LED light shows the status of cloud connectivity for remote monitoring.

Sketch 2

Title: Pill Dispensary Design - Physical Button Interface

Description:

This design replaces the touchscreen with physical buttons and an LED display. The goal is to simplify usage for seniors uncomfortable with touchscreens.

Key Features:

Physical Buttons: Five buttons for basic functions: "Dispense", "Next Dose", "Refill Alert", "Settings", and "Help".

LED Display: A monochromatic LED screen shows the current medication schedule and device status.

Manual Confirmation: The user confirms pill retrieval by pressing a button.

Audible Alerts: Built-in speaker for voice reminders about medication schedules.

Battery Status Indicator: LED bar to indicate remaining battery level.

Wireframe

Wireframe Title: UI Wireframe for Pill Dispensary

Description:

This wireframe represents a minimalistic touchscreen-based user interface for the pill dispensary. The design includes all key functional areas, such as medication schedules, refill notifications, and settings.

Key Features:

Home Screen: Displays the current time and next medication dose, with a large "Dispense" button.

Settings Menu: Accessible via a gear icon, allows configuration of schedules, Wi-Fi, and alerts.

Refill Alert Section: Prominent notification icon for low pill counts, with instructions on how to refill.

Medication History: A log accessible via a sidebar that tracks doses dispensed and missed.

Remote Monitoring Icon: Status indicator for cloud connectivity with a tooltip explaining its purpose.

TOP

Speakers for Alerts

Battery Status

Physical Buttons

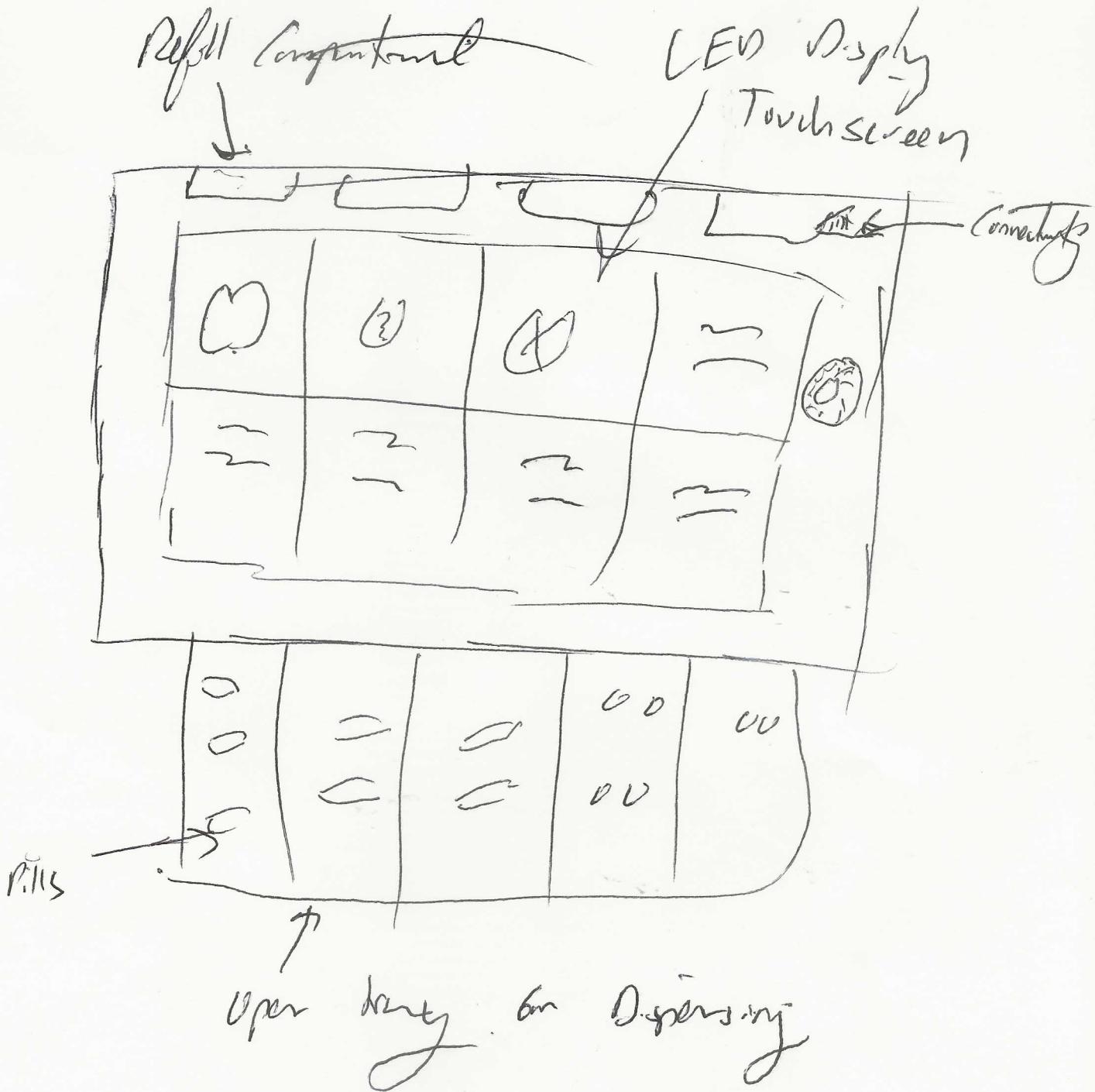
Manual Configuration

Pills

Dispensing Unit & Refill Container

Bottom

TOP



Bottom

Wired frame

