

MAKING MEDICATION MANAGEABLE

How can we help people with medical memory loss manage their medication independently?

USER RESEARCH > IDEATION > PROTOTYPING

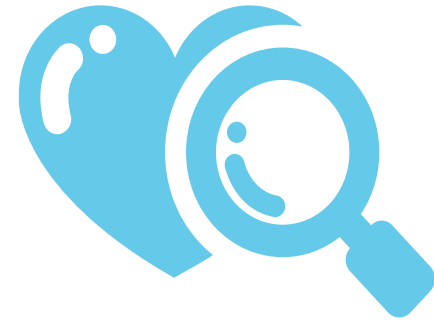
Literature Review



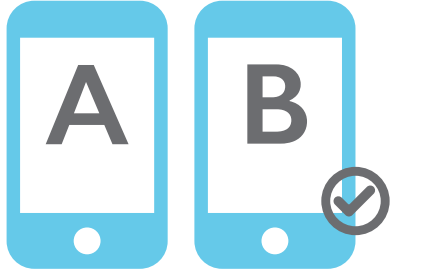
Assisted Living Facility Tour



Empathy Testing



Usability Testing



Interviews



Doctor



Doctor



Doctor



TBI Patient



TBI Caregiver



Alzheimer's Patient



Alzheimer's Caregiver

Findings

1
Organized

2
Adaptable

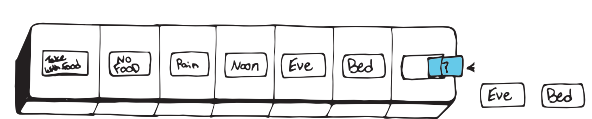
3
Persistent

4
Habitual

5
Low Tech

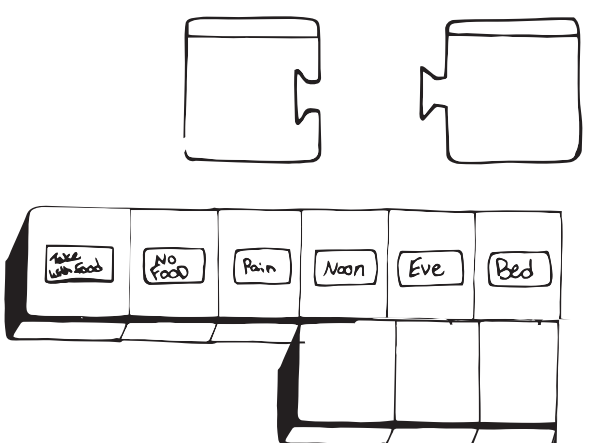
MedMem System Diagram

Pill Box



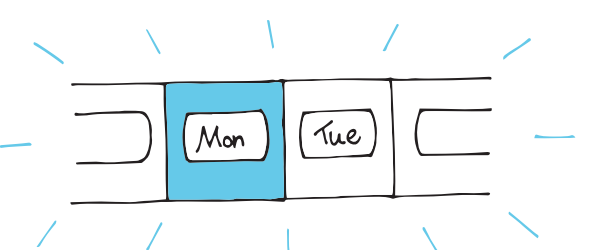
Custom Labels

Add the text of your choice and change it at any time.



Attachable Compartments

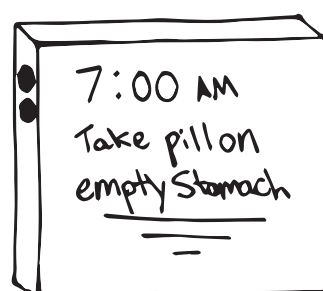
Build rows and columns as needed. Remove individual compartments when on the go.



Nonintrusive Notifications

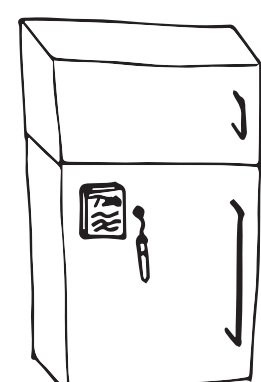
Individual compartments light up when it is time to take a medication.

Reminder System



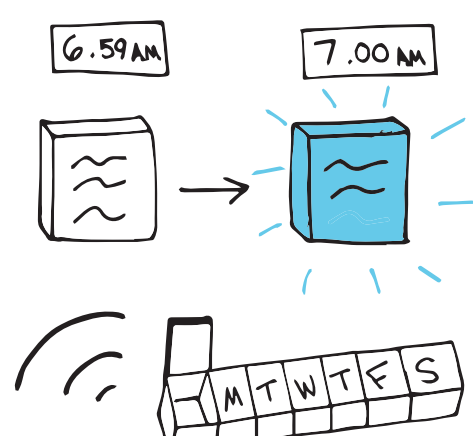
Custom notes

Leave personal notes, reminders or directions on the whiteboard.



Portable System

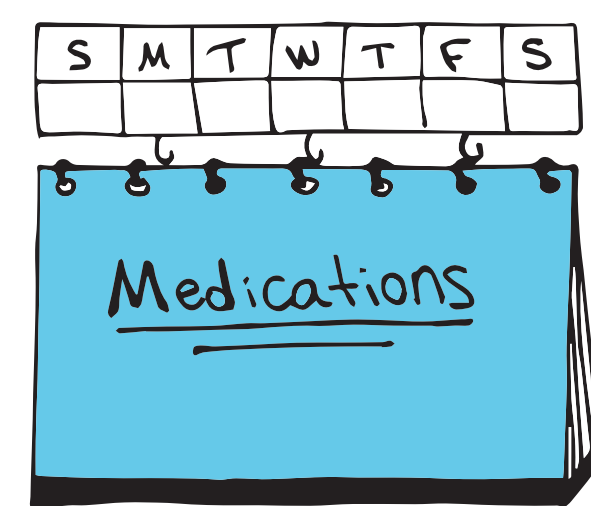
Multiple reminder panels of varying sizes can be placed around the house based on daily routines.



Alarms

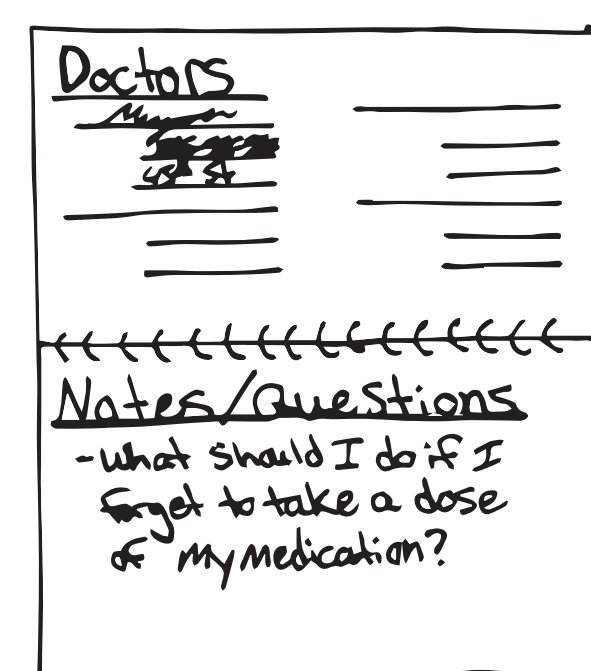
Set reminder alarms (light and/or sound) that will persist until medication is taken.

Medication Notebook



Medications

Track which medications to take, when, and dosage.



Doctors

Record important contact information in a predesigned template.

Appointments

Add events to the calendar and list questions for future appointments.