TIETOEVRY HACKATHON

• VOICE ENABLED MEDICINES REMINDER

As the global population ages, more elderly individuals are managing complex medication schedules for chronic conditions like diabetes, hypertension, and arthritis.
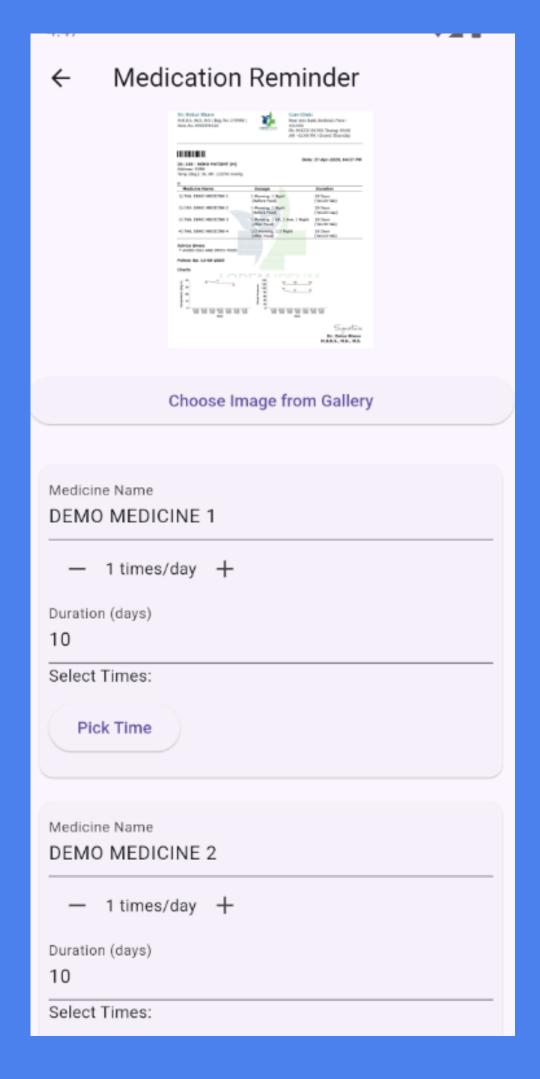
Many seniors struggle with remembering to take their medicines on time, leading to missed doses, incorrect medication use, and potential health risks.

Common solutions, like pillboxes or smartphone alarms, can be hard for seniors to use due to cognitive decline, vision issues, or difficulty with technology. These methods often require manual input or constant attention, which can lead to errors and reduced adherence.

Voice assistants, offer a hands-free, easy-to-use system that seniors can interact with naturally. These devices allow elderly individuals to receive medication reminders, ask questions about their schedule, and confirm medication intake—all through simple voice commands.

It reduces caregiver burden, improves medication adherence, and ultimately leads to better health outcomes.

PillBuzz

WORKING

- User login
- Uploading prescriptions for scanning medicines data
- Voice-enabled medication reminder
- Personalized Medication management
- User profile management

TECH USED

- Flutter for app development
- Google ML Kit OCR functionality to extract text from the image.
- Google Firebase for Database
- Flutter TTS for text to speech
- Image picker for image scanning

USP

01 MediAlarm

02 Response Options

03 Voice-based Rescheduling

FUTURE SCOPE

01 Guardian Monitoring

02 Emergency Response Integration

03 Continuous Feedback Loop

WE ARE THE FUTURE

PillBuzz

4:47

← Medicine Reminder

October

| Thu 17 | Fri 18 | Sat 19 | Sun 20 | Mon 21 |

Reminders

DEMO MEDICINE1
Dosage: 1
Time: 12:50 PM

Demo Medico
Dosage: 1
Time: 2:35 PM

DEMO MEDICINE2
Dosage: 2
Time: 10:20 PM

DEMO MEDICINE2
Dosage: 2
Time: 6:51 AM

DEMO MEDICINE3
Dosage: 1
Time: 10:20 PM

DEMO MEDICINE4

Set Reminder