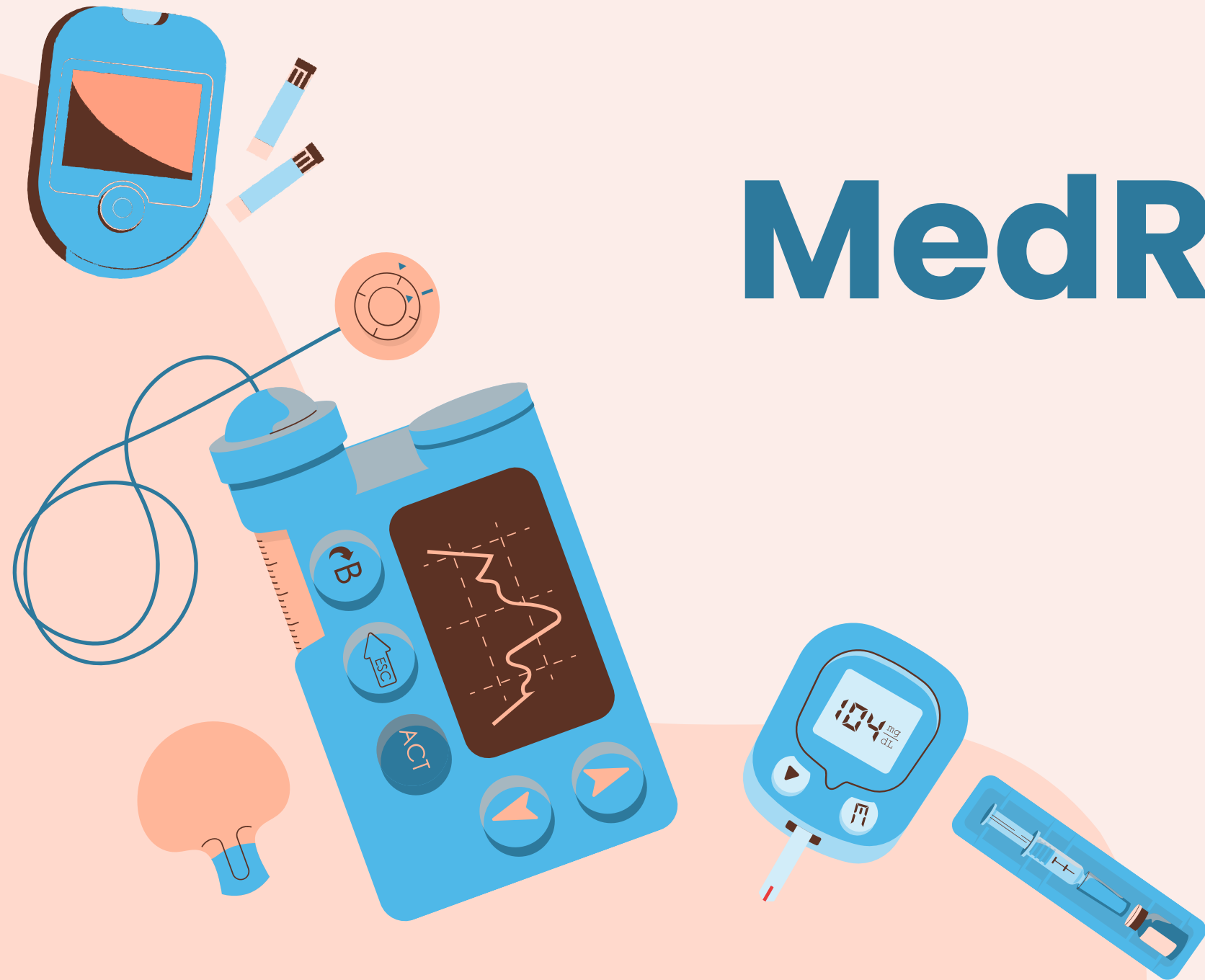


MedReminder!



Course: SW225 – Human-Computer Interaction

GENERAL IDEA

- A mobile app designed to help users manage and track their medication schedules.
- It offers smart reminders with customizable notifications based on type, dosage, and time of medication.



TARGET USERS

- Elderly individuals who need regular reminders.
- Patients with chronic illnesses (e.g., diabetes, hypertension).
- People taking multiple medications and needing better organization.



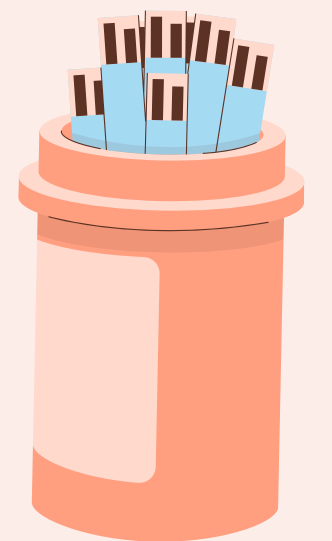
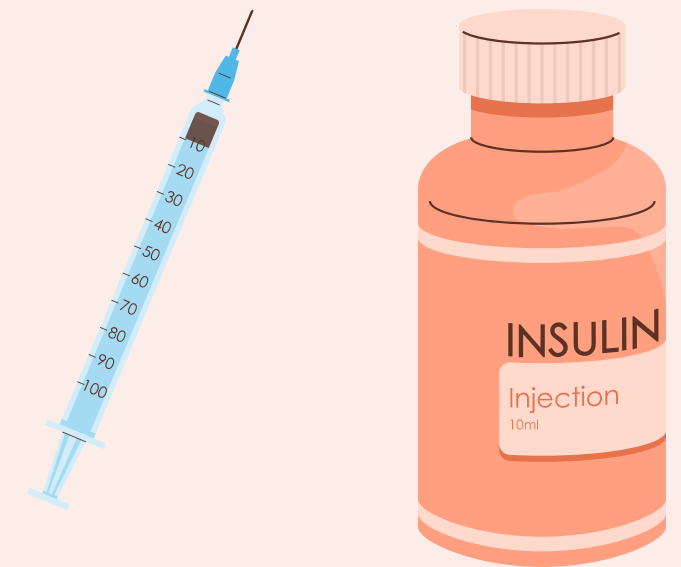
IDENTIFIED PROBLEMS

- Users forget to take their medications.
- Difficulty managing complex schedules.
- Standard reminders are not effective or customizable enough.



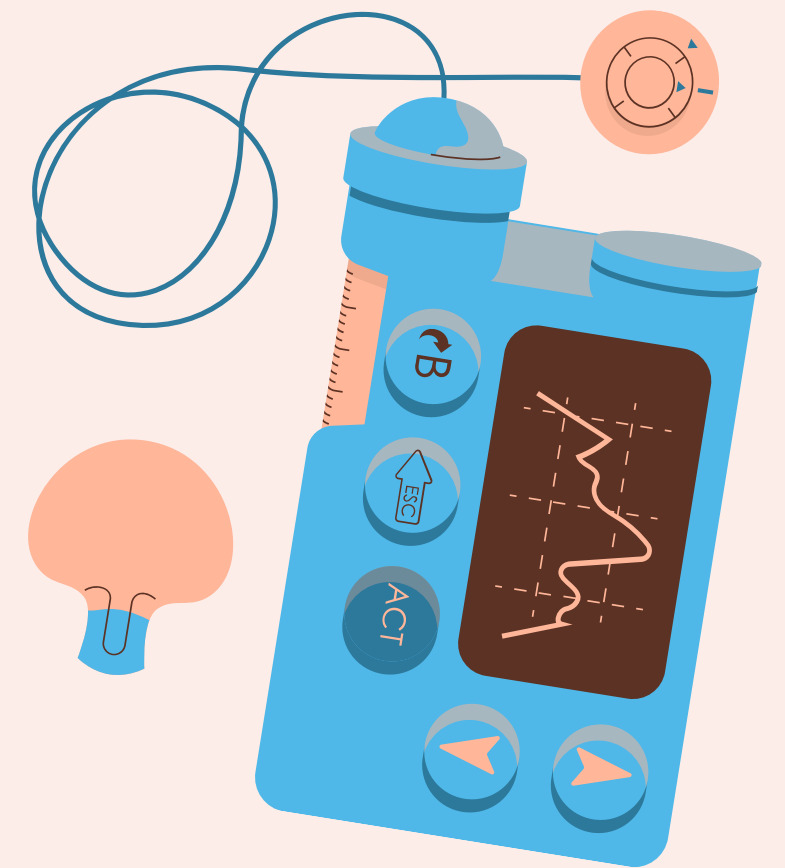
USER RESEARCH METHODS

- Google Forms Survey – 50 participants
- Interviews – Elderly patients, chronic illness patients, and a nurse
- Review analysis – Studying user feedback on similar apps



SURVEY HIGHLIGHT

- 80% forget medications
- 50% blame busy routines
- 70% want medication history logs
- 60% prefer voice notifications
- 50% want shared reminders with family/caregivers



INTERVIEW INSIGHTS

- Elderly users prefer voice reminders.
- Chronic patients need a tracking log.
- Caregivers value shared notifications for monitoring adherence.



USER NEEDS

- Accurate, timely medication reminders.
- Easy management of multiple medications.
- Customizable alerts (text, voice, sound).
- Sharing reminders with caregivers.
- Medication history tracking.

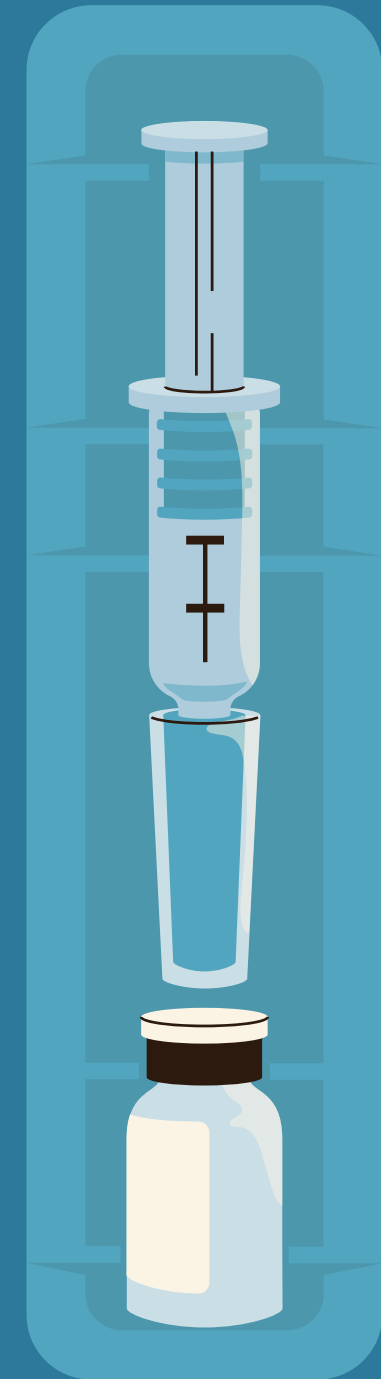
KEY INSIGHTS

- Smart reminders reduce forgetfulness.
- Users need clear schedules by dosage.
- Shared notifications improve accountability.
- Voice alerts are essential for older users.
- History logs are helpful for doctors and users



APP FEATURES

1. Smart Reminder System
2. Medication Schedule Manager
3. Shared Reminders with Caregivers
4. Custom Notifications (Text, Sound, Voice)
5. Medication History Log

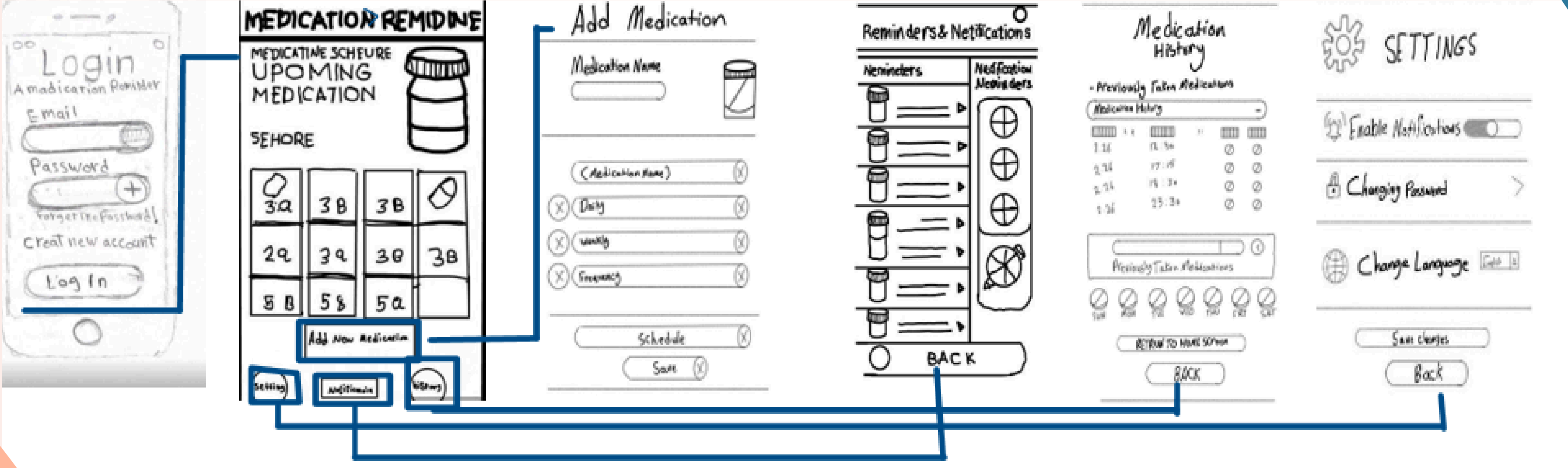


LOW-FIDELITY PROTOTYPE

- Login.
- Home.
- Add Medication.
- Reminders.
- History.
- Settings.



LOW FIDALITY PROTOYPING

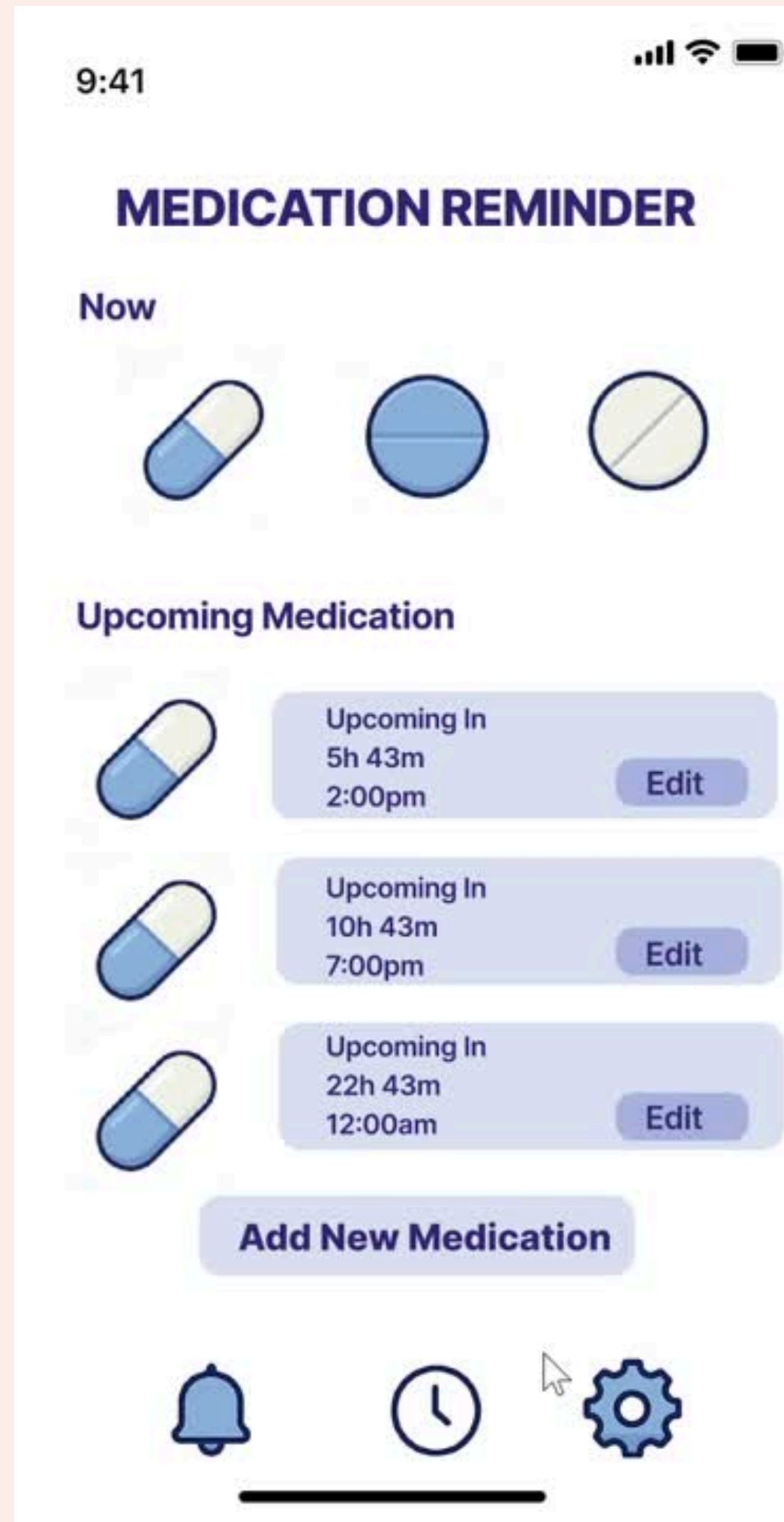


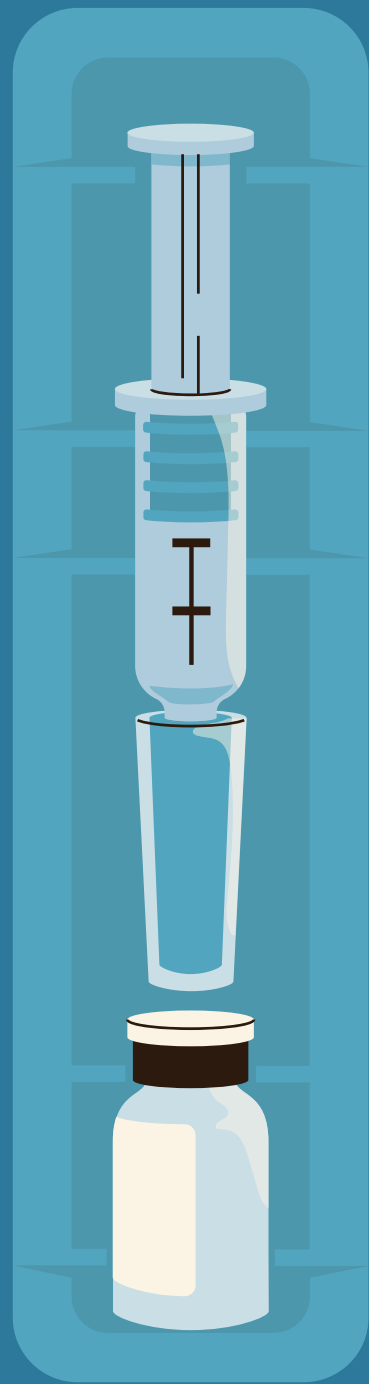
HIGH-FIDELITY PROTOTYPE

- We designed this prototype to provide a realistic interactive experience for users.
- It allows interaction with the app interface as in the final version to evaluate the design and functionality.



HIGH-FIDELITY PROTOTYPE



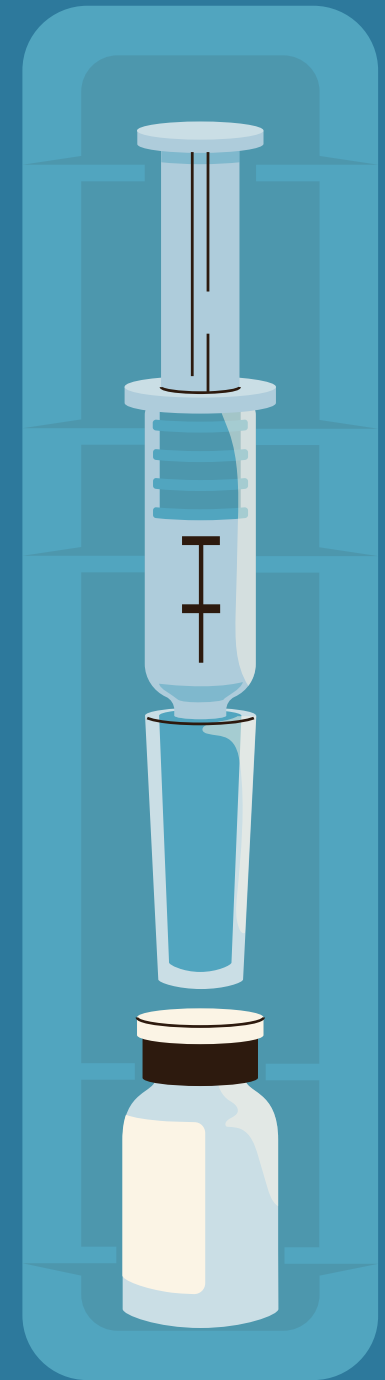


FINAL DESIGN OVERVIEW

- Simple, user-friendly interface.
- Flexible notification system.
- Personalized settings and language options.
- Shared alerts and medication logs for better care and follow-up.

CONCLUSION

This app design addresses real user needs through user-centered design. It improves medication adherence, supports patient independence, and facilitates caregiver involvement.



THANK YOU!

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