

Need Analysis Report

Introduction & Objective:

LifeAura AI – SANKALP is an intelligent health management platform designed to assist users in managing medications, receiving timely reminders, and accessing quick AI-powered guidance for minor health issues. The system targets elderly users, people with chronic conditions, caregivers, and health-conscious individuals, providing a holistic digital health companion. Key features include medication scheduling with WhatsApp/SMS reminders, AI chatbot support, OCR-based prescription storage, and caregiver monitoring tools, all integrated within a secure and scalable MERN stack platform.

To ensure the relevance and usefulness of these features, we conducted a survey on google forms. The survey focused on medication adherence, confusion due to unclear prescriptions, interest in AI-based health tools, and the perceived usefulness of combining these features into one platform. The results helped us validate the need for LifeAura AI and prioritize features that address real health management challenges effectively.

Survey Result:

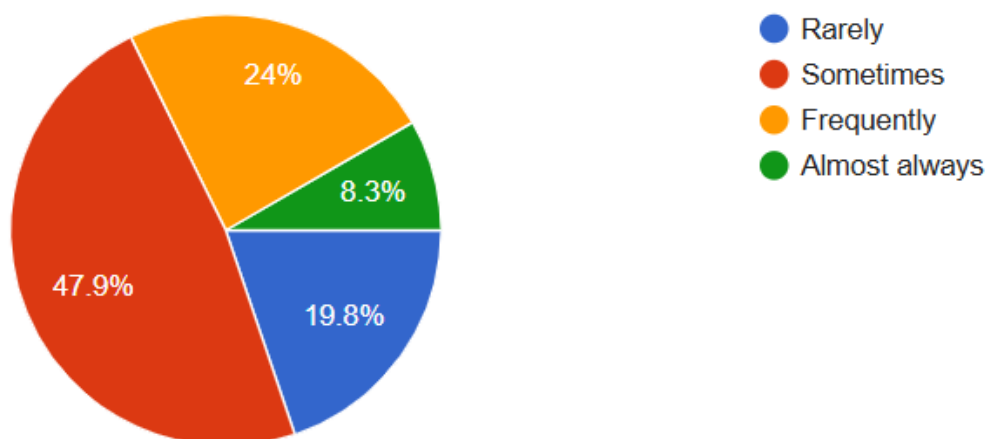
Total responses: 96

1. Frequency of Missed Medications

A large portion of respondents admitted to forgetting their medicines either sometimes (47.9%) or frequently (24%), with only 19.8% saying they rarely forget.

How often do you forget to take your medicines on time?

96 responses



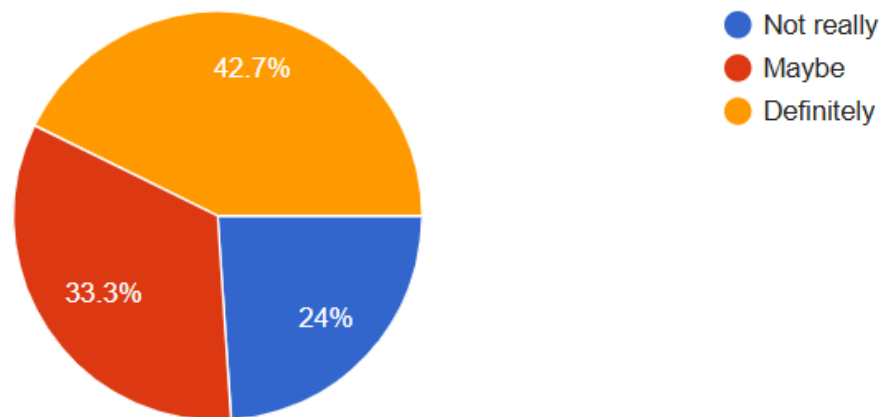
This indicates a strong need for reliable reminder and tracking systems to improve medication adherence.

2. Interest in WhatsApp or SMS-Based Medicine Reminders

Nearly 76% of participants expressed positive interest (“maybe” or “definitely”) in receiving medication reminders through familiar channels like WhatsApp or SMS.

Would you find an app that reminds you of your medication schedule via WhatsApp or SMS useful?

96 responses



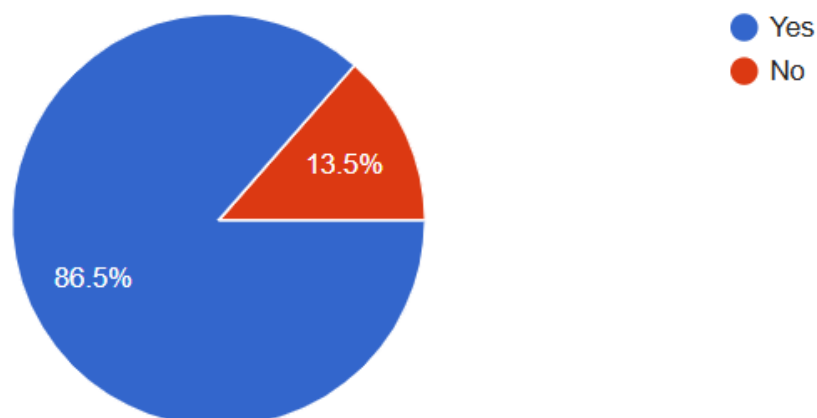
This validates the idea of integrating smart, user-friendly reminder notifications rather than relying on traditional in-app alerts.

3. Confusion Due to Illegible Prescriptions

An overwhelming 86.5% of people reported facing issues with unclear doctor handwriting.

Have you ever faced confusion due to unclear doctor handwriting on prescriptions?

96 responses



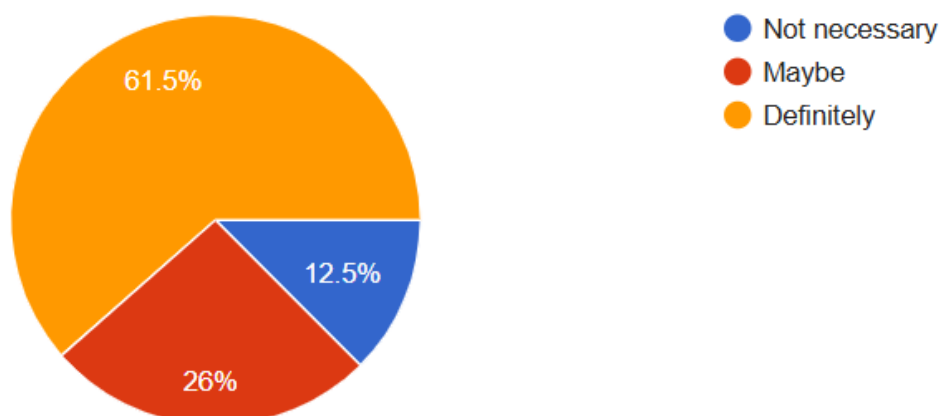
There is a clear public demand for a digital prescription reader or scanner to avoid medication errors and confusion.

4. Usefulness of Digital Prescription Storage

Around 88% of respondents found the idea of scanning and saving prescriptions useful for future reference.

Would a feature that scans and saves prescriptions for future reference be useful to you?

96 responses



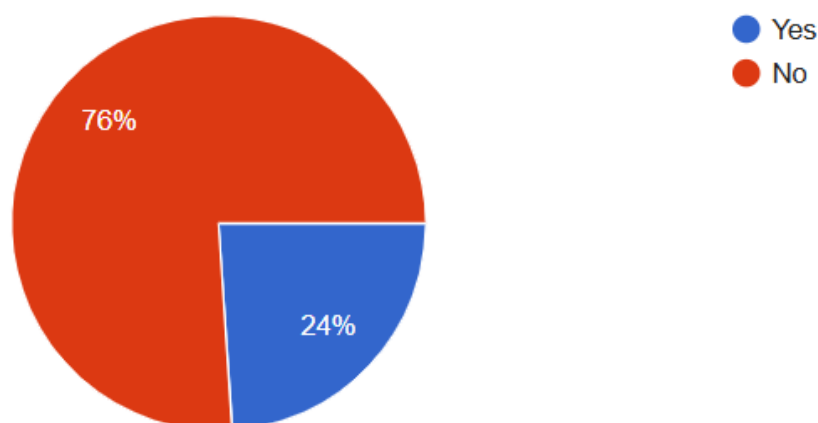
People want organized, easily retrievable medical records — highlighting the relevance of a cloud-based prescription archive.

5. Current Use of Health or Reminder Apps

Only 24% of respondents currently use any medication or health reminder app, leaving 76% not using one.

Do you currently use any health or medication reminder app?

96 responses



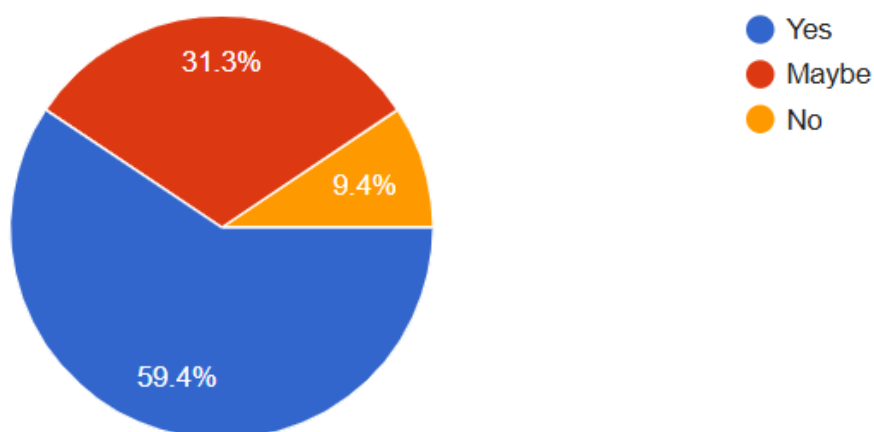
This suggests a market gap, existing solutions are either inconvenient or incomplete, offering an opportunity for an integrated alternative.

6. Trust in AI-Based Health Assistance

A significant 90% (Yes + Maybe) believe AI-driven tools can help reduce unnecessary doctor visits for minor issues.

Do you think such AI-based tools can help reduce unnecessary doctor visits for minor issues?

96 responses



Public openness toward AI-supported self-care systems is high, but these tools must maintain medical reliability and user trust.

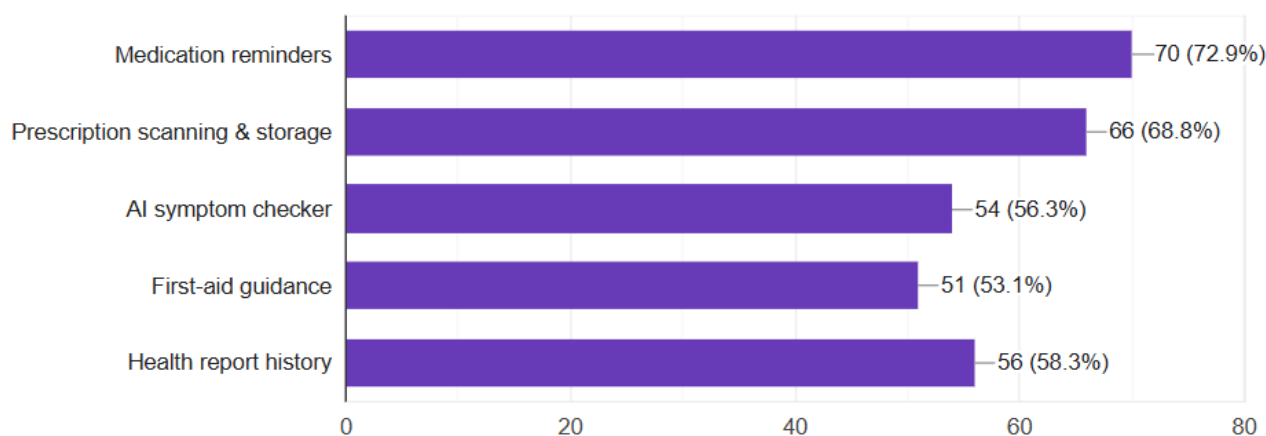
7. Features Considered Most Useful

Top preferences among users include:

Which of the following features do you find most useful? (Select all that apply)

 [Copy chart](#)

96 responses



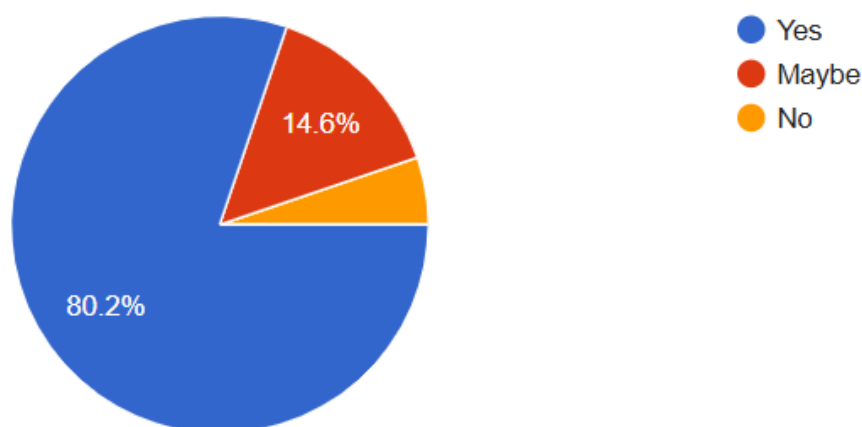
Respondents prefer a multi-purpose health platform that covers medication, diagnosis, and emergency assistance.

8. Interest in an All-in-One Health Assistant

About 80% said they would like to try an app combining all these features, with another 14.6% being open to it.

Would you be interested in trying an app that combines all these features in one platform?

96 responses



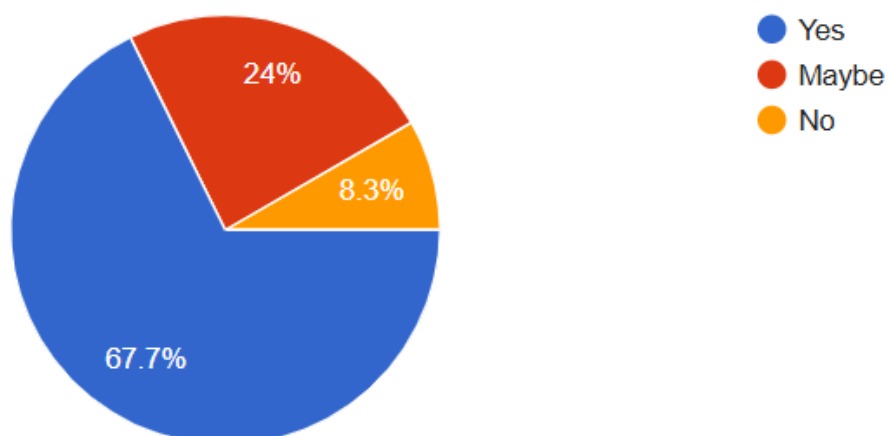
Nearly everyone supports the concept of a unified, intelligent health assistant app.

9. Impact on Health Awareness and Safety

Around 91.7% (Yes + Maybe) believe such an app could help reduce health risks by improving adherence and awareness.

Do you think this app could help reduce health risks by improving medication adherence and awareness?

96 responses



The concept shows strong perceived health benefits, confirming its potential positive social impact.

Summary:

The survey results clearly indicate a strong public need for an integrated health assistant app. Most users frequently forget medications, face confusion from unclear prescriptions, and do not currently use any comprehensive reminder or health management tool. There is a strong interest in features such as medication reminders, prescription scanning and storage, AI symptom checking, first-aid guidance, and health report history.

Respondents also believe that AI-assisted tools can reduce unnecessary doctor visits for minor issues, improve medication adherence, and enhance overall health awareness. The high willingness to try an all-in-one platform confirms the demand for a unified, user-friendly, and reliable health management solution.

Conclusion:

The analysis validates the need for a platform that combines reminders, digital prescription management, symptom guidance, and health tracking. Implementing such a system could significantly improve medication adherence, reduce health risks, and simplify personal healthcare management for a wide range of users, including the elderly, chronic patients, and health-conscious individuals.