

LifeLine

“AI-powered healthcare & accessibility companion app”

Because every second matters when life is at risk.

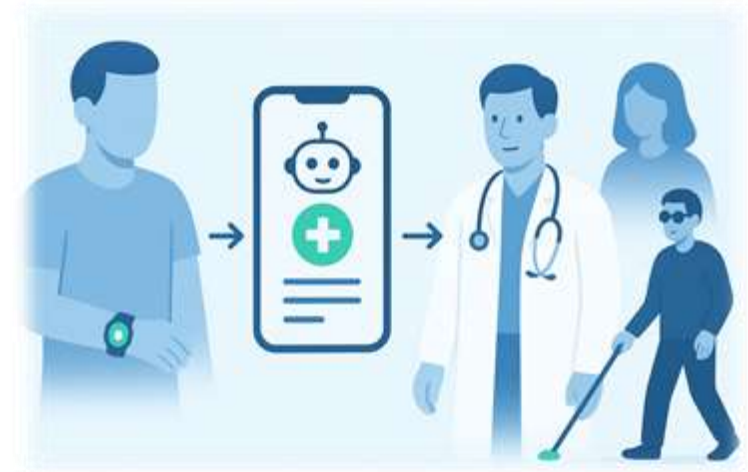
The Problem



- Millions of people suffer from chronic conditions (e.g., Epilepsy, Cardiac disorders, Anxiety-related diseases).
- Doctors rely heavily on what patients are able to recall, but during critical episodes, memory is often incomplete and they cannot accurately recall what exactly happened.
- In emergencies, bystanders often don't know how to help.
- Visually impaired people still face difficulty with object finding & safe navigation in daily life.

Gap: No single solution for real-time monitoring, first-aid guidance, and accessibility.

The Solution (LifeLine)



- Continuous Monitoring: Heart rate, temperature, stress, motor activity.
- AI Symptom Detection:
 - Our LLM trained on medical research papers & clinical files recognizes early warning signs of the medical episodes.
 - Triggers voice-first aid guidance: Guides patient + bystanders in real time (“Stay calm, lie down safely, breathe slowly”).
- Blind Assistance:
 - Users scan their surroundings and ask (e.g., ‘Find my black watch’). The app’s voice assistant then gives directions.
 - If object is not present → Voice assistant replies ,“ The object is not here.”

Doctors get precise insights | Patients get timely help

One app, multiple lifesaving functions.

Market Opportunity & Differentiation

- Market Size:

1. 50M+ epilepsy patients worldwide (WHO) as one major use case.
2. Millions more with cardiac conditions, anxiety disorders, Parkinson's, and other chronic diseases who need real-time monitoring.
3. 4M+ people suffer with 100% vision loss in India alone.
4. Grand View Research forecasted the digital health market to reach **\$651.5 billion by 2030**.
5. Rising adoption of wearables + AI health apps.

- Differentiation:

1. Existing apps = only track vitals
2. LifeLine = Predicts + Guides + Documents + Assists



Impact

- For Patients:
Safety through real-time monitoring & early alerts.
Confidence in managing their condition independently.
- For Doctors: Reliable, real-time data for better diagnosis & treatment decisions.
- For Families/Caregivers: Peace of mind knowing help is always accessible.
- For the Visually Impaired: Independence in finding objects & navigating daily environments safely.
- For Society: More awareness, faster emergency response, and inclusive technology.



“We are building an app that delivers safety in crisis, clarity in treatment, and accessibility in everyday life.”

With Samsung’s support, we can empower and transform millions of lives worldwide.