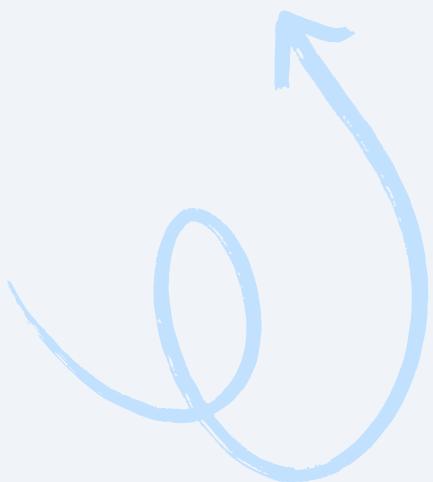


Healthcare & Wellness Innovation

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Limitations of Current Wearables

Current wearable devices primarily utilize threshold-based alerts, which often overlook subtle multi-signal abnormalities. This can lead to late detection, delayed intervention, and ultimately increased health risks for users.



Vision

Next-Generation Wearable System

Continuous Monitoring

Our system continuously monitors multiple signals including ECG, SpO₂, HRV, temperature, and activity, ensuring comprehensive health oversight and timely detection of any changes.

Correlation Analysis

Unlike traditional wearables, our approach utilizes correlation analysis, which identifies subtle abnormalities across multiple signals, leading to a more accurate health risk assessment and intervention timeline.

Early Risk Prediction

By predicting risks at an early stage, our wearable system empowers users with proactive health management, enhancing their ability to address potential health issues before they escalate.



System Architecture Overview

Our innovative wearable health monitoring system integrates multiple sensors and cloud-based AI, enabling real-time data processing and advanced correlation analysis for enhanced health insights and risk prediction.

System Architecture



Multi-Signal Correlation Analysis

This innovative approach **detects hidden relationships** between multiple physiological signals, enhancing early diagnosis and intervention, ultimately reducing health risks and improving patient outcomes through proactive monitoring and predictive analytics.



THANK YOU