Pul AI Announces New Heart Rate Tracking App Using iPhone Camera Optics

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Pul AI has announced the release of its innovative health monitoring application that transforms any iPhone into a comprehensive vital signs tracker using the device's built-in camera technology. The app employs advanced photoplethysmography (PPG) technology to measure pulse rates without requiring additional hardware such as smartwatches or chest straps.

The application detects micro-color changes in a user's fingertip skin caused by blood flow, utilizing the iPhone's camera flash for instant beats-per-minute detection. Advanced algorithms filter out noise and motion artifacts to isolate the cardiac cycle, with all data computed locally on the device in under 30 seconds. The technology requires iOS 15.0 or later and has already gained the trust of over 50,000 users seeking convenient health monitoring solutions.

"The integration of PPG technology with iPhone cameras represents a significant advancement in accessible health monitoring," said Paul Anthony Ray, spokesperson for Pul AI. "By eliminating the need for external

devices, we're making vital sign tracking available to anyone with an iPhone, enabling users to take control of their health data instantly and privately."

Beyond pulse monitoring, the application offers comprehensive health tracking capabilities including blood oxygen saturation (SpO2) monitoring, blood pressure logging, and glucose level tracking. Users can generate detailed PDF reports of their health data to share with healthcare providers, while daily reminders and an intuitive calendar view help maintain consistent measurement routines.

The blood oxygen tracking feature allows users to monitor respiratory efficiency, which can be particularly valuable for individuals with respiratory conditions or athletes optimizing their performance. The blood pressure logging functionality enables easy tracking of daily systolic and diastolic readings, beneficial for those managing hypertension or other cardiovascular conditions. The glucose logging feature provides a detailed diary for blood sugar management, serving individuals with diabetes who require regular monitoring.

Users interested in the technology can download the Pul AI Heart Rate Tracking App from the App Store, where it is available as a free download with optional subscription plans. The app offers flexible subscription options including weekly and yearly plans, with a three-day free trial available for new users.

The application prioritizes user privacy with all pulse rate calculations performed locally on the device rather than on external servers. The app's comprehensive health insights include detailed trends and statistics for all vital signs, empowering users to better understand their health patterns over time.

Pul AI continues to develop its health monitoring platform, focusing on making advanced medical technology accessible through everyday devices. The company specializes in transforming smartphones into powerful health monitoring tools through innovative software solutions that leverage existing hardware capabilities.

Those seeking updates and community engagement can visit the Pul AI Facebook for the latest information about new features and health monitoring tips.
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Pul AI

Turn your iPhone into a professional pulse tracker. Pul AI uses advanced PPG technology to measure your heart rate by

using your phone camera, monitor blood oxygen levels, and log blood pressure trends.

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