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(57) Abstract :

The invention proposes a system and method for an AI-based health tracker that utilizes artificial intelligence to analyze and monitor an individual's health, providing personalized recommendations and insights for improving well-being. By processing and analyzing large amounts of health data, the AI algorithms can identify patterns and trends that may be overlooked by humans, aiding in the diagnosis, treatment, and prevention of diseases. The system comprises sensor modules for tracking vital signs, a microprocessor running machine learning algorithms, a long-lasting battery, and connectivity modules for data syncing and transfer. The collected data is preprocessed, analyzed, and stored in a database, allowing the health tracker to offer tailored feedback and suggestions based on the user's unique health profile. Through the integration of AI, this technology enhances health monitoring capabilities, empowering individuals to take proactive steps towards their health and leading to a more personalized and effective approach to healthcare.

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