IoT Health Watch

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Abstract*: The Internet of Things has provided opportunities and applications for medical patients. The IoT app is the key technology to allow for medical performance. This paper highlights the practical use, low power consumption, real-time remote monitoring system based on the Internet of Things technology. This initiative provides an advanced step in the field of remote health monitoring. Population numbers, which require health care, are growing every year and standard signal monitoring systems require the presence of patients in person within hospitals. This can create an unhealthy environment for caring for patients with the disease, especially those with serious and unstable health conditions. Therefore, internet technology and modern electronic devices can provide promising solutions in this field. Based on that, the paper proposed a mobile system such as IoT platforms to remotely monitor heart rate a body temperature in patients. Symptoms are measured and processed using a high-speed microcontroller. The main contribution of this paper is to send an electrocardiogram (ECG signal) to a mobile phone for medical examination. This helps to diagnose heart disease before a serious case occurs. Finally, the results obtained for this review page are displayed in the Smart mobile App*

Keywords: IoT (Internet of Things),Temperature sensor, ECG sensor, Blynk Mobile application.