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AN IoT BASED PATIENT MONITORING SYSTEM

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Abstract

Most of the people got suffered by no proper maintenance in hospitals. Here using sensor based concepts to monitor the patient .The purpose of the project to keep track on the patient health. Rapid growth of this period more doctors required to monitor patients health using wearable devices .the system developed will measure a patient's body temperature, heart rate, blood pressure, stress level and heart to the person and sent the data to a mobile application using IOT. In this method only few parameter sensor are used to monitor the patient. In case any unwanted changes, happens in patients then immediately pass information to the doctor or a particular person. Temperature sensor used in measure the body heat, GSR sensor used in measure the body electrodes. GSR value is measured by placing electrodes on emotionally sensitive location on the body. Report the associate skin conductance. The skin is the organ of perception. It contains an extensive network of nerves cells that detect and relay changes in the environment based on the activity of receptors for temperature, stress and pressure.

Keywords: *Monitoring patients; mobile application; IOT; GSR sensor; body electrodes*