

AN IOT BASED HEALTH MONITORING SYSTEM (ECG, TEMPERATURE, HEARTBEAT, SKIN & SpO2)

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Received: 08 Jun 2022

Accepted: 10 Jun 2022

Published: 11 Jun 2022

ABSTRACT

This paper describes the development and test of sensors and IOT (Internet of Things) to enable the use of Mobile phones to receive the incoming temperature, electrocardiogram (ECG), Heartbeat & SpO2 signal from a user and show it in real time on the cell phone screen via text message. It uses different sort of sensors to obtain ceaseless key signs of patients counting heart rate and body temperature.

KEYWORDS: AD8232 ECG Sensor, LM35 Temperature Sensor, MAX30100 Heart Rate & Spo2 Sensor, GSR Sensor.