

## ABSTRACT

The reality of main-stream medicine is that there are more patients than the doctors who are able to cure them. The neoteric pandemic has proven that the world isn't ready for medical emergencies of that sort and that there is an increased global need for qualified doctors and resources to exactly collect and use the anamnesis. The health monitoring technology can support the common people to regularly check their vitals and take care of themselves in the midst of a crisis. It is an important key to enrich the alimentation and habitual life. In this paper, an enhanced Vital Sign Monitoring System (VSMS) technique is proposed. The VSMS design provides real time information about health condition of a person with the view of ensuring them their wellness. Our endeavor is a working model which wires sensors to measure each one of the vital signs like body temperature, pulse rate and electrical activity of the heart and track the person's health with the objective that the person's condition can be examined by themselves in any bit of the recuperating focus wherever they are. The design mainly consists of sensors, microcontroller and mobile application. Health monitoring systems based on heterogeneous devices have been previously proposed but such systems lack the collective analysis of all the vital signs whereas we propose a primary and reliable way in screening a person's requisite signs. This system also helps common people eliminate the need for visiting health or diagnostic centers every time to monitor their vitals. Thus, harnessing such framework demonstrates the promise of multimodal sensing and is extensively less expensive than other real-time monitor systems for vital sign observation.