Abstract

Now a day people are facing many health related problems. There is large amount of data that is not structured. The gathered information is raw and unstructured in the nature, so there is a need of converting it to meaningful services. In this paper such system is developed which will provide web service that will be available to any other person easily. Every person should get the healthcare services anywhere, every time even at their home also. For this purpose a platform is developed so that patient specially senior citizens can know their electro Cardiogram (ECG) or also can be said as heart rate, oxygen rate, temperature rate, through an android mobile application specially developed for the healthcare. This overall concept is developed under the Internet of Things as well as cloud computing environment. App which is developed named as ‘Patient Health Monitoring’. This paper gives an idea about Adriano kit which used in the project. This paper also gives an idea about the sensors which are used to measure above mentioned measures. A Bluetooth sensors is also used here for the connectivity. Server will be any network connection such as Wi-Fi.
ECG Web Services for Patient Health Monitoring in Internet of Things

References


Index Terms

Computer Science

Information Sciences

Keywords

Web Service Discovery, Restful Web Services, Internet of Things, ECG, Arduino kit.