

ESP1855

E-health Acquisition, Transmission & Monitoring System

The main focus of the paper is to address an e-health acquisition, transmission and monitoring system. Patient health parameters are monitored by wireless sensor network and communicated to the far end through Zigbee interface. Data received at far end is monitored by MATLAB. If the parameters are abnormal it configures the GSM module to send SMS on doctor mobile phone. System implemented in this paper is made for such patients who are not in the critical state but they need to be monitored continuously. When the critical condition occurs, system will originate an alarming message and send it to the doctor. It is fast, less costly and monitors patient remotely from their homes.