

ABSTRACT

Many hospitals and NGOs serving paralytic patients who were affected by the Paralysis attack. Due to loss in motor control by their brain these people were unable to convey their needs. This system helps disabled person by displaying a message over the LCD by just simple motion of any part of his body. This system also takes care of the situation by sending a message through GSM to convey in SMS. This system makes use of a microcontroller-based circuitry to achieve this functionality. It makes use of a hand motion recognition circuit and a receiver plus transmitter circuit. The hand motion circuit is used to detect hand movements using accelerometer and then transmit this information wirelessly over to the receiver system. The receiver system is designed to receive and process these commands and display them over the LCD display as well as transmit the data online over to IoT gecko server. The IoT gecko server then displays this information online, to achieve the desired output.