**ARCHITECTURE DIAGRAM:**

Arduino collects real time health data from pulse sensor which measures heartbeat in minutes or BPM (beats per minute). A digital temperature sensor connected to Arduino measures body temperature of the patient.

A generic ESP8266 IoT module is connect to Arduino ,it is responsible for connecting the machine to internet and also for sending health data to a IoT server (Thingspeak) for storing and monitoring.

This circuit is not only capable of sending patient’s health data to a server but also can show real time data on a 16×2 LCD display. This is useful for a healthcare professional who is actively monitoring a patient on site.

