**IOT BASED E-HEALTH DATA ACQUISITION SYSTEM**

**AIM:** Themainaimtheprojectistodesign a system which is used to monitor the patient health condition using different sensors.

**COMPONENTS:** Temperature, Pulse Sensor, Microcontroller Board, GPRS MODEM, Buzzer and Internet protocol server.

**BLOCK DIAGRAM:**

**MICRO**

**CONTROLLER**

**POWER SUPPLY**

**LCD DISPLAY**

# TEMP SENSOR

# PULSE SENSOR

# ADC

# GPRS

# BUZZER

**DESCRIPTION:** In this proposed system, the sensors are connected to microcontroller. Here the microcontroller continuously collects the sensor information like pulse and temperature of the patient and update the data in to WEB page by using GPRS modem and These values are displayed on the LCD and also continuously checks the threshold values and if any abnormal condition detected it will give the buzzer alert.

**SOFTWARE :** Embedded ‘C’.

**TOOLS :** Keil uVision3.

**TARGET DEVICE :**MICRO CONTROLLER BOARD

**APPLICATIONS :** Medical application, Security System.