1. TEMPERATURE Sensor

The LM35 series are precision integrated-circuit temperature devices with an output voltage linearly proportional to the Centigrade temperature. It does not require any external calibration or trimming to provide typical accuracies of ±¼°C at room temperature and ±¾°C over a full −55°C to 150°C temperature range and draws only 60 µA from the supply, it has very low self-heating of less than 0.1°C in still air. It operates on 3.3V to 5.5V supply. It has a 3-pins connected to input, output and ground.

Arduino uno microcontroller receives information from all the different modules connected to it, and this will be programmed in such a way that if Temperature around the exceeds or become hazardous to the child then through Arduino uno GSM shield the microcontroller receives the information. In order to send this information to parents Arduino uno microcontroller does not has the Wi-Fi or internet with it, hence the NODE Mcu will be used because it has the Wi-Fi chip, the received information from the microcontroller will be connected to IOT which is triggered by IFTTT Server then parent gets message/mail to their cellphone.