PIR sensors

It is used to detect and sense the motion of objects arround the child that has moved in or out of the sensors range, for small PIR sensor range will be 10m(thirty feet) and for wide PIR range its 100 feets. They are small, inexpensive, low-power, easy to use and don't wear out. For that reason they are commonly found in appliances and gadgets used in homes or businesses. They are often referred to as PIR, "Passive Infrared", "Pyroelectric", or "IR motion" sensors. PIRs are basically made up of pyroelectric materials. IR sensor not only measures the heat but also detects the objects. Detection of PIR can be known by receiving SMS/MAIL to parent cell phone.

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.