

## **IOT BASED SAFETY GADGET FOR CHILD**

### **SAFETY MONITORING AND NOTIFICATION.**

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## **FUNCTIONAL REQUIREMENTS :**

- ❖ The system shall allow the user or family's to register phone number.
- ❖ The system shall provide report for the ongoing day to day activity both for the schools and families.
- ❖ The system should provide all the sensed data from each sensor send by text message.
- ❖ The system shall check the sensed data with the threshold value of each input.
- ❖ The system shall notify the user while the input value exceed or become below the threshold value.

## **NON-FUNCTIONAL REQUIREMENTS :**

- ❖ The system shall give the accurate result for different factors using sensing material as a result their will not be any distractive damage.
- ❖ The system shall be maintainable whenever faller occurs.
- ❖ Sometime the GPS module works on rainy condition.
- ❖ The system is cost effective comparing to the features it provides.
- ❖ The system shall be usable within a few minutes training.

## DATA FLOW DIAGRAMS :

