

IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION

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FUNTIONAL 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 DIAGRAM



