# IOT BASED SAFETY GADGET FOR CHILD

# SAFETY MONITORING AND NOTIFICTION.

**TEAM ID : PNT2022TMID44697**

**TEAM LEADER : GRACERANI M**

**TEAM MEMBERS : ELAKKIYA S (732519104005)**

**GRACERANI M (732519104007)**

**PAVITHRA M (732519104704)**

**SUMITHRA A (732519104501)**

**DEPARTMENT : COMPUTER SCIENCE AND**

**ENGINEERING**

**COLLEGE NAME : SHREE VENKATESHWARA HI-TECH**

**ENGINEERING COLLEGE,**

**GOBI.**

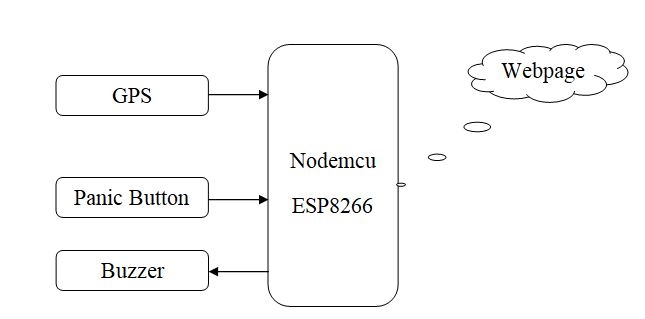
**FUNCTIONAL REQUIREMENTS :**

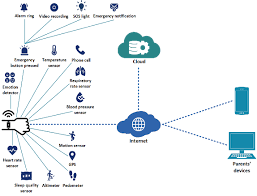
* The system shall allow the user or family’s to register phone number.
* The system shall provide report for the ongoing day to day activity both for the schools and families.
* The system should provide all the sensed data from each sensor send by text message.
* The system shall check the sensed data 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 :**

****

****