# IOT BASED SAFETY GADGET FOR CHILD

# SAFETY MONITORING AND NOTIFICTION.

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**FUNCTIONAL REQUIREMENTS :**

* The system shall allow the user or family’s to register phone number.

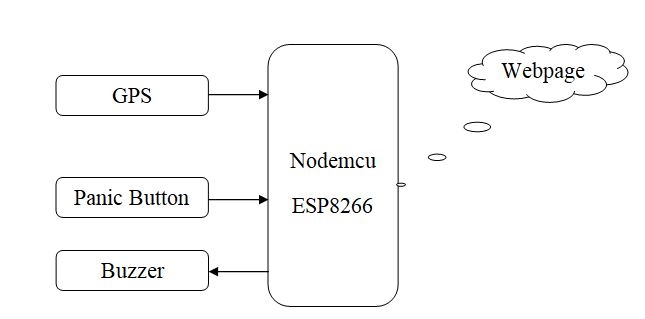
**FUNCTIONAL REQUIREMENTS :**

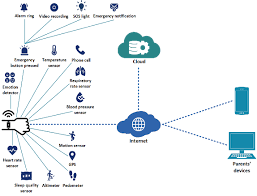
* The system must enable phone number registration for the user or family.
* The system should provide text messages containing all of the sensed data from each sensor.
* The system must compare the detected data to each input's threshold value.
* When the input value exceeds or falls below the threshold value, the system must alert the user.

**NON-FUNCTIONAL REQUIREMENTS :**

* There won't be any distracting effects because the system will use sensing material to provide correct results for many parameters.
* When a fall happens, the system must be maintainable.
* The GPS module occasionally functions under wet conditions.
* When compared to the functions it offers, the system is affordable.
* The system must just require a short amount of training to be usable.

**DATA FLOW DIAGRAMS :**

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