**INTERNET OF THINGS**

# IoT Based Safety Gadget For Child Safety Monitoring & Notification

## Team Members

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# PROBLEM SOLUTION

**PROBLEM STATEMENTS:**

1.PROBLEM ROOT CAUSE:

The poor performance of family's and school to monitor the children's by Collaboration. The use of manual system to connect family's and there students most of time teachers or other persons are intermediate between the students and family. In our country families and their children have no direct contact in school when they need to contact their children if the families came to school.

Lack of child monitoring in school affect the child's behavior. Under age children may be premature in the way they act and places to be. Most of human behavior is shaped in childhood stage, in order to get morally acceptable behavior child monitoring system is necessary.

Children are prone to many accidents. Safety of children is very critical since children cannot protect themselves.

2.COUSTMER SEGMENT:

In our system, we provide an environment where this problem can be resolved in an efficient manner. It makes parents to easily monitor their children in real time just like staying beside them as well as focusing on their own career without any manual intervention. Develop a prototype of IoT wearable smart band connected to parents' mobile apps so that they can monitor the actual condition of children at anytime and anyplace.

# 3.AVAILABLE SOLUTIONS:

• Enable tracking of the child's location and capturing of data remotely such as temperature, pulse, respiratory rate, quality of sleep and many more.

• To show the child's actual data with reference values.

• Enable sending of notification if the child is out of location or when the device realizes abnormal conditions/situations.

• To trigger the alarm and enable automatic video recording whenever the emergency button is pressed. Then, emergency notification along with real-time video will be sent to and display in the parents' mobile apps.