

INTERNET OF THINGS

IoT Based Safety Gadget For Child Safety Monitoring & Notification

Team Members

MEMBER 1	HARIPRASAD E
MEMBER 2	INBARAJ M
MEMBER 3	KARTHICK K
TEAM LEAD	GOWTHAMASARAVANAN V M

Of

BACHELOR OF ENGINEERING

in

ELECTRONICS AND COMMUNICATION ENGINEERING

**KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY,
COIMBATORE.**

Brainstorm & Idea Prioritization Template:

Step-1: Team Gathering, Collaboration and Select the Problem Statement:

Gathering information: previously there were approaches that were implemented to solve child monitoring system. Many schools and families use different types of approaches to locate and monitor children.

Problem statement: More family's spent their time for work and social duties but since Children are gift of GOD they need care of family. The current situation of our country is not comfortable for monitoring children in school. With the absence of child monitoring system it is hard to monitor the where about of children.

Step-2: Brainstorm, Idea Listing and Grouping:

Modeling: Based on the information we have gathered through interviewing the problems of the current monitoring system in our context designed the flow chart, system design and ER diagram for the project.

Team members 1 and 2: Enable sending of notification if the child is out of location or when the device realizes abnormal conditions/situations.

Team members 3 and 4: 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.

Hardware and Software: the hard ware construction and software implementation with Application software.

Evaluation and Conclusion: Based on the proposed system conclusion and evaluation of work is done.

Step-3: Idea Prioritization:

