

V.S.B.ENGINEERING COLLEGE, KARUR

Department of Computer Science and Engineering

IBM NALAIYA THIRAN

LITERATURE SURVEY

TITLE : CHILD SAFETY

DOMAIN NAME :INTERNET OF THINGS

LEADER NAME : SANTHOSH KUMAR M

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MENTOR NAME :LATHA P (Assistant Professor in Department of CSE)

ABSTRACT :The overall percentage of child abuse cases filed nowadays in the world is about 80%, out of which 74% are girl children and the rest are boys. For every 40 seconds, a child goes missing in this world. Children are the backbone of one's nation, if the future of children was affected, it would impact the entire growth of that nation. Due to the abuse, the emotional and mental stability of the children gets affected which in turn ruins their career and future. These innocent children are not responsible for what happens to them. So, parents are responsible for taking care of their own children. But, due to economic conditions and aims to focus on their child's future and career, parents are forced to crave for money. Hence, it becomes difficult to cling on to their children all the time. In our system, we provide an environment where this problem can be resolved in an efficient manner. It allows 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.

INTRODUCTION : Basically, children cannot complain about abuse which they face in their daily life to their parents. They can't even realize what actually happens to them at their age. It is also difficult for parents to identify their children are being abused. To prevent children from being attacked, an autonomous real-time monitoring system is necessary for every child out there. In this system, the collected values from every sensor like temperature sensor, pulse rate detection sensor, metal detection sensor, and the location value from GPS are used to detect the status of the child and alerts the respective guardians using GSM accordingly.

LITERATURE SURVEY : [1] AkashMoodbidri, Hamid Shahnasser, "Child Safety Wearable Device", Department of Electrical and Computer Engineering San Francisco State University.

[2] Anand Katti, MadhviKannan , Alisha RM, Vijayalakshmi P, ShresthaSinha, " Design and

Development of an IOT based wearable device for the Safety and Security of women and girl

children ", IEEE International Conference On Recent Trends In Electronics Information

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