

PROTECTION AND PURSUING IOT-BASED SMART DEVICE

FOR CHILD SAFETY.

TEAM LEADER: SWVATHALAKA. S

TEAM MEMBERS: SUBAA SRI. S. R, SUDHA. S, SUSMITHA. S

GUIDE: SURESH KUMAR. P

INTRODUCTION:

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 cases, 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 condition 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 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.

OBJECTIVE:

With this motivation, a smart IoT device for child safety and tracking is developed to help the parents to locate and monitor their children. The system is developed using LinkIt ONE board programmed in embedded C and interfaced with temperature, heartbeat, touch sensors and also GPS, GSM & digital camera modules.

LITERATURE SURVEY:

Scholarly articles for iot based child safety literature survey

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