

PROJECT DESIGN PHASE-1

PROPOSED SOLUTION TEMPLATE

DATE	24/09/2022
PROJECT TITLE	IOT based safety gadget for child safety monitoring and notification.
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S.No	Parameter	Description
1.	Problem Statement	Children are the happiness of the family, but now protecting them from strangers has become a major issue and their safety has become the major concern. Kidnapping rate has increasing from day to day. Watching over them manually for the whole day is impossible. So, the safety gadget can be designed so it can monitor the child for the whole day.
2.	Idea/Solution description	To keep track on child all time and during emergency alert message can be sent to parents or while the safety gadget is removed or while the child crosses the geo-fence alert will be sent to the parents along with the location.

3.	Novelty	Parents of the users will know about the user's(child) location when a child crosses the fixed area by an alert message.
4.	Customer satisfaction	Parents don't want to worry about their child's safety all time. They can do their work peacefully. It reduces their stress.
5.	Business Model	It can be sold in the form of electronic gadget.
6.	Scalability of the solution	Performance will not be affected while using this device for a long time. Accuracy will be at peak level. Easier to track and share the correct location.
7.	Impact	This device will not affect the child's health.