

Project Design Phase -1
PROPOSED SOLUTION TEMPLATE

Team ID	PNT2022TMID34547
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement(Problem to be solved)	Nowadays device can be used by stackholders to track the children and get real time data.
2.	Idea/Solution description	The device has lot monitoring and a module that allows the child to be monitored at all times.
3.	Novelty/Uniqueness	The novelty of the work is that the system automatically alerts the parents/caretaker by sending SMS, when immediate attention is required for the child during emergency. The parameters of the such as touch,temperature&heartbeat of the child are used for parametric analysis and results are plotted for the same.
4.	Social Impact/Customer Satisfaction	Children's continuous usage of gadgets has many adverse effects such as attention deficits,loss of focuses difficulty in learning anxiety etc.Thus we need to understand that technology and gadgets make our life easier.Therefore, we should not become addicted to them.
5.	Business model/Revenue model	The global safety product market size to be valued at USD 132.2 billion by 2025 and is expected to grow at a compound annual growth rate of 50% during the forecast period.
6.	Scalability of the solution	As an enhanced solution , the parents needs to be intimated if the child is getting moved out of the stipulated geo-location assigned for the child.It focused on creating a solution with

		the IoT device which has GPS enabled and making use of cloud services for sending intimation to the parent using email or SMS along with current geo-location of the children.
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