

Project Design Phase-I

Proposed Solution

Date	26 September 2022
Team ID	PNT2022TMD10208
Project Name	Protection And pursuing IoT - Based Smart Device for Child Safety
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Proposed Statement (Problem to be solved)	The GPS module is used to record current location of the device which is used to track the device if the child is missing. Hence, this device provides a security cover to the child in today's time.
2.	Idea / Solution Description	The child safety wearable device is capable of acting as a smart IoT device. It provides parents with the real-time location, surrounding temperature, UV radiation index and SOS light along with Distress alarm buzzer for their child's surroundings and the ability to locate their child or alert bystanders in acting to rescue or comfort the child
3.	Novelty / Uniqueness	A novel ZigBee based temperature and also blood pressure monitoring system using wireless communication technology
4.	Social Impact / Customer Satisfaction	Advances in internet and mobile applications there are many smart devices introduced in the market which enables parents to track their kids and ensure their safety
5.	Business Model (Revenue Model)	The future scope of the work is to implement the IoT device which ensures the complete solution for child safety problems.

6.	Scalability of the solution	Using 16 cameras fixing around swimming pools walls and programming with AI algorithm
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