Project Design Phase-I

Proposed Solution

Date	24 october 2022
Team ID	PNT2022TIMD38441
Project Name	Project - IoT Based Safety Gadget for Child Safety Monitoring & Notification
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Child abductors continually abduct children from parents/legally appointed guardians to get the ransom for their benefit. Parents have no supplementary choice but to view the exact scenario of children's intuitions. The crisis out-turn of kidnapping can be highly cynical and perpetual, more measures must be taken to protect children against abduction and its impacts.

S.No.	Parameter	Description
2.	Idea / Solution description	A Smart IoT device for tracking is developed to aid parents to detect and keep eye on their children. In this project,

		we are going to develop a wearable safety gadget to display the live location of a child at any time on the parent's mobile to set the seal on their safety.
		The application aside from conceding you to track down your children when they're within Bluetooth range, also functions when your kids go farther afield. Its competence as a tracker is outstanding if you live in densely populated areas like cities or big towns. This means you will be able to see the identity of the participating devices and It helps to diminish their vulnerability in harmful situations and also protects the children in emergency situations.
3.	Novelty / Uniqueness	The system software involuntarily alerts the parent/guardian by redirecting a text message where expeditious scrutinisation is essential for the child during a catastrophe.
		Contrary to other devices, it has plenty of characteristics such as the development of sensors technology, availability of internet-connected devices; data analysis algorithms making IoT devices act smart in emergencies without human intervention.
4.	Social Impact / Customer Satisfaction	Child abduction is a scorching subject all over the world. It is a complex crime that can impair a child's future. Parents should ensure that their little ones are secure and

		are been protected from the menace of injury.
		In case of situation arises, notifications will be consigned to the Parents so that measures can be done at the apparent time, Via this, Child Safety can be assured and will take the edge off the crime rate. The parent can keep their children Secure with tension-free minded when they are away from them.
		Precisely predicting the circumstances of the children and swiftly sensing the problems around children will make parents at ease. It will be great helpful to parents who are busy workers not having time to watch over their children, and easy to operate so anyone can handle it.
5.	Business Model (Revenue Model)	The Most desired in the contemporary market, as kids need more protection in the current times. The gadget can be acquired at an affordable rate.
		Our gadget possesses a lot of ingenious attributes and it will be accessible and beneficial to everyone so it is a foundation for a prominent revolution in merchandise.
		It is a device with numerous subscriptions for tracing and notification assistance.