

ProjectDesignPhase-I

ProposedSolution

Date	19September2022
Team ID	PNT2022TMID19077
ProjectName	Project - IoT Based Safety Gadget for Child SafetyMonitoringandNotification
MaximumMarks	2 Marks

ProposedSolutionTemplate:

S.No.	Parameter	Description
1.	Problem Statement (Problem to besolved)	When someone near the child this device alerts theparents whereas the parents in other distancedplace.
2.	Idea/Solutiondescription	The aim of this device is to provide safety to thechild by allowing the parent to locate the child andview their surroundings. This device can be used tomonitor the temperature and motion of the child.The other features of the device are emergencylight and alarm buzzer which are activated whenthe ultrasonic sensor sense something near child.Afterautomaticallysendthe SMSto parentsand callalsoreceived to theparents.
3.	Novelty/Uniqueness	The enchantments will be adding more features,software, applications, hardware to make theproposedsystem.
4.	SocialImpact/ CustomerSatisfaction	The feedbacks of parents and children were highlypromising. Results showed that 86.4% of theparents are satisfied with the time controller,around 91.1% of the children are satisfied with theproposed interface and 100% of the children aresatisfiedwith themultiplesessionsofthetime allowedandvideo algorithm
5.	BusinessModel(RevenueModel)	lot based risk monitoring device for child is donethrough smart device i.e., smart watch Through thisdevicetherespectedparametersaremonitored by theconnectedperson.
6.	Scalabilityofthe Solution	It canbegiven upto 4outof5.