

Project Design Phase-I
Proposed Solution Template

Date	07 November 2022
Team ID	PNT2022TMID50197
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Parents who are engaged with a busy lifestyle who have no time to monitor their children and nowadays the misbehaviours against children are increasing at an exponential rate. They are under the threat of easily being kidnapped. So the parents need a way to monitor their children continuously and detect early if there is any abnormal behaviour in their children's surroundings so that they can do their duties efficiently rather than worrying about their children. This will indeed reduce the worries of the parents and create a safe environment.
2.	Idea / Solution description	Parents need a way to monitor their children continuously and detect early if there is any abnormal behaviour in their children's surroundings so that they can do their duties efficiently rather than worrying about their children. This will indeed reduce the worries of the parents and create a safe environment.
3.	Novelty / Uniqueness	Even though there are many existing solutions for this problem they failed to satisfy the needs of customer. Some of the solutions are only detecting some particular issues where some others failed to alert the parents and other solutions with some delays. Our solution not only notify the parents but also notify the persons who are nearer to the childlike teachers so that they can take control over the situation and our solution will alert the persons who are closer to the child's parents.

4.	Social Impact / Customer Satisfaction	Our solution will be very helpful for the society and the people who are worrying about their child's safety. Our solution will prevent many problems which are faced by childrens and we will be able to stop crime. Through this project the parents' mental pressure will be reduced and it is very helpful to provide a safer environment for the children.
5.	Business Model (Revenue Model)	The main target of our solution is Parents who are worrying about their children so we planned to visit workplaces and explain about the positives of our product. So that they can be aware of the importance of this solution and use it.
6.	Scalability of the Solution	Our solution can be integrated for further future use because the solution we have provided will be laid on the basics or initial stage of any upgraded version.