

**Project Design Phase-I**  
**Proposed Solution Template**

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| Team ID      | PNT2022TMID33026   |
| Project Name | Project-IoT Based Safety Gadget for Child Safety Monitoring and Notification |

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

| S.No. | Parameter                                | Description   |
|-------|--|---|
| 1.    | Problem Statement (Problem to be solved) | To propose a model of an IOT based safety gadget for child safety monitoring and notification   |
| 2.    | Idea / Solution description              | Using a user friendly gadget which monitors parameters such as the location, health condition and sudden movements of child and sends notification to his/her relatives.                                    |
| 3.    | Novelty / Uniqueness                     | We are using a microchip board in the device with the help of which parents can monitor the location of child and also get message in case of any emergency.  |
| 4.    | Social Impact / Customer Satisfaction    | Cost efficient and protecting the children from child trafficking and any kind of abuse.  |
| 5.    | Business Model (Revenue Model)           | With using, parents can safely send their child out without the fear of getting into any kind of trouble.<br>Without using, increases the probability of child trafficking and less security for the child. |
| 6.    | Scalability of the Solution              | Cost efficient device and it is developed in such a way that the location of the children is tracked continuously and it ensure the safety of the children.   |