

Project Design Phase-I

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| Date | 24 September 2022 |
| Team ID | PNT2022TMID29677 |
| Project Name | Project - IoT Based Safety Gadget For Child Safety Monitoring & Notifications |
| Maximum Marks | 2 Marks |

Proposed Solution:

| S.No. | Parameter | Description |
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| 1. | Problem Statement (Problem to be solved) | Nowadays,parents concern more about serious cases such as missing children,abduction and abuse. They cannot sit with their children or 24*7 hours to secure their children and monitor the children's activities. |
| 2. | Idea / Solution description | Create a Child tracker which helps the parents with continuously monitoring the child's location. The notification will be sent according to the child's location to their parents or caretakers. The entire location data will be stored in the database. |
| 3. | Novelty / Uniqueness | The novelty of the work is that the system automatically alerts the parent/caretaker by sending notification,when immediate attention is required for the child during emergency |
| 4. | Social Impact / Customer Satisfaction | make children parents more assure about their kid's security, we have a feature in our device called Geo-Fence. Geo-Fencing feature allows you to mark a particular area as safe-zone. Whenever your child crosses that specific area, you will get an instant notification on your phone. |
| 5. | Business Model (Revenue Model) | <ul style="list-style-type: none">• Easy to use• Low cost• Weightless• Compatible |
| 6. | Scalability of the Solution | <ul style="list-style-type: none">• Gadget ensures the safety and tracking of the children• Parents need not worry about their children. |