

Project Design Phase – I

Proposed Solution

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| Date | 13 OCTOBER 2022 |
| Team ID | PNT2022TMID01023 |
| Project Name | IoT Based Safety Gadget for Child Safety Monitoring & Notification |
| Maximum Marks | 2 Marks |

Proposed Solution:

| S.No | Parameter | Description |
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| 1. | Problem Statement (Problem to be solved) | In today's world with lots of ongoing crime related to children, parents want a reliable way through which they can ensure their child's safety. |
| 2. | Idea / Solution description | To create an IOT device through which the parents can set message for their child. |
| 3. | Novelty / Uniqueness | To send accurate location data and send notification as soon as child goes out of the safe zone. |
| 4. | Social Impact / Customer Satisfaction | <ul style="list-style-type: none">• Reduce in crime rate related to children.• Peace of mind for parents. |
| 5. | Business Model (Revenue Model) | <ul style="list-style-type: none">• This device can be used for school going children.• The device can also be used for tracking a vehicle in case of a theft.• The device can be modified for the use of women. |
| 6. | Scalability of the Solution | <ul style="list-style-type: none">• The battery life of the device can be improved by a lot.• The location accuracy can be improved.• The size of the device can be reduced. |