

Project Design Phase-I Proposed Solution Template

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID10282 |
| Project Name | Project – IoT Based Safety Gadget for Child Safety Monitoring and Notification |
| Maximum Marks | 2 Marks |

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) | The goal is to accurately predict the exact location of the kid on the basis of tracker. Parents or caretaker can use the extracted information to find the current and moving location of the child. The geographical location limit can be fixed by the parents according to their need. |
| 2. | Idea / Solution description | The GPS ,GSM and digital camera modules is used in the child wearable device to provide an optimal solution in emergency situation using WI-FI and Bluetooth services which is inbuilt on the device , which will generate a indication to the respective people. |
| 3. | Novelty / Uniqueness | The primary focus is to protect and take care of the children , by tracking the current location and updating the data to the respected recipients when the infants facing problem . |
| 4. | Social Impact / Customer Satisfaction | Better monitorization to the infants are the key for the parents to lead a fearless peace life. You can get to know about your infants better by gathering data from them which can be used for later reference if needed. This, in turn gives a extra security for the infants. |
| 5. | Business Model (Revenue Model) | Safety monitoring gadget analytics uses current data to gain current information and ensures the technological improvement towards security of the children. This analytics act as a preventive measures, more informed decision-making system , provide an optimal accuracy for the problem based by the infants. |
| 6. | Scalability of the Solution | This model which is framed is flexible as it is equipped using python and cloud which makes it more scalable. |