**Project Design Phase-I**

**Proposed Solution**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID07818 |
| Project Name | Project – IoT Based Safety Gadget for Child Safety Monitoring & Notification |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | * The rate of child kidnapping was increasing * Lack of tracking technology for child. * Limited application for child monitoring. |
|  | Idea / Solution description | 1. Giving a toy to the child which contains GPS, mic, temperature sensor and pulse sensor to know the state of the child. 2. Create a Geofence around the Park, School and etc.,. to monitor the Child 3. Ornament which contains GPS to find the children's location. |
|  | Novelty / Uniqueness | As the device looks like toy the children will keep it with them. So it is easy to track the child. |
|  | Social Impact / Customer Satisfaction | * The customer will be satisfied by assuring the safety of the child using safety gadget. * Prevent their child from abuse and critical issues. |
|  | Business Model (Revenue Model) | * Service based product is developed to serve the parents to know the status of their children before they lost. * This prevents child abuse and critical issues. |
|  | Scalability of the Solution | 1. We are developing the product for both web and mobile application. It is portable and data can be accessed from cloud at anytime. 2. It provides a real-time monitoring and a feasible solution for child safety and monitoring. |