**PROBLEM SOLUTION FIT**

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| **Date** | **27-10-2022** |
| **Team ID** | **PNT2022TMID48656** |
| **Project Name** | **IoT Based Safety Gadget For Child Safety monitoring & Notification** |
| **Maximum Marks** | **4 marks** |

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| 1. | CUSTOMER SEGMENT(S) | • The device can be used by stock holders to track children and get real time data.  • Parents can monitor their children remotely. |
| 2. | JOBS-TO-BE-DONE/PROBLEMS | To enhance the operating condition of the developed solution the way it is not supposed to deal with any fault at any point of time so that the child safety can be highly ensured. To ensure the parents that their surveillance on their children can never be taken off |
| 3. | TRIGGERS | • By giving advertisement to people.  • By approaching the students, they share maximum about this to their families/surroundings and also in social media. |
| 4. | EMOTIONS: BEFORE/AFTER | Customers(Parents) are being frustratesd that their children are doing safe or not before using the gadget designed. Once they start to use the developed solution they might feel free to focus on their work and also the surveillance of their children would happen with ease at any point of time |
| 5. | AVAILABLE SOLUTIONS | We use a noise recognition module in which alert comments from the child are stored and kept for further reference. The GSM has a SIM which used to track the live location and it is used when needed. |
| 6. | CUSTOMER CONSTRAINTS | • Network issues.  • Insufficient privacy production.  • Outdated software. |
| 7. | BEHAVIOUR | Our proposed solution has the modes of working in both offline and Online. In case of any disconnectivities happen the gadget which has been developed might tend to work on a plan B ehich includes the backup of the failure of actual working kit. |
| 8. | CHANNELS of BEHAVIOUR | ONLINE  • Social media.  • Advertisement platform like google and  sense.  • Affiliate marketing.  • Content marketing.  OFFLINE  • Posters  • Local sponsorship.  • Approaching people.  • Free trial version. |
| 9. | PROBLEM ROOT CAUSE | • Child and women safety is a challenging problem nowdays due to antisocial elements in the society.  • School and working places and high surveillance for ensuring the safety among children and women.  • During emergency, mobile apps alert control rooms nearby police station or caretakers of children |
| 10 | YOUR SOLUTION | Innovate good model to find the child with low budget, trustworthy ,user friendly, improve quality of care which much better than guardian. |