Project Design Phase-I
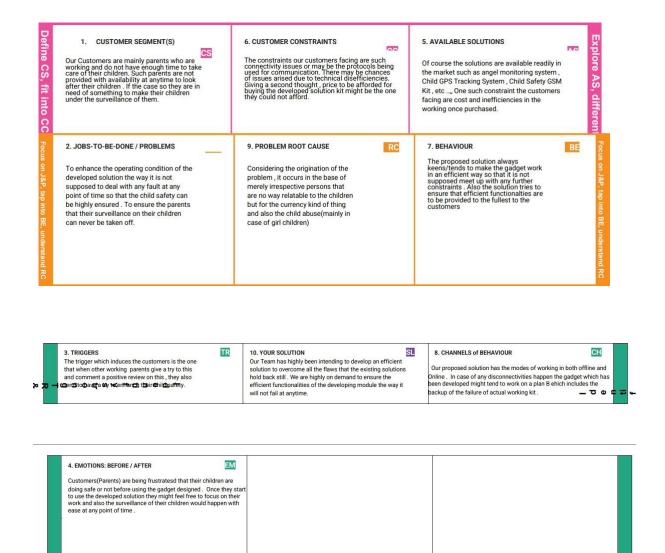# Problem – Solution Fit

Date	27 September 2022
Team ID	PNT2022TMID46901
Project Name	Project - IoT Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	2 Marks

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

Our Customers are mainly parents who are working and do not have enough time to take care of their children. Such parents are not provided with availability at anytime to look after their children . If the case so they are in need of something to make their children under the surveillance of them.

6. CUSTOMER CONSTRAINTS — CC

The constraints our customers facing are such connectivity issues or may be the protocols being used for communication. There may be chances of issues arised due to technical disefficiencies. Giving a second thought , price to be afforded for buying the developed solution kit might be the one they could not afford.

5. AVAILABLE SOLUTIONS — AS

Of course the solutions are available readily in the market such as angel monitoring system , Child GPS Tracking System , Child Safety GSM Kit , etc ..,, One such constraint the customers facing are cost and inefficiencies in the working once purchased.

Explore AS, different

Focus on J&P, tap into BE, understand RC

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.

9. PROBLEM ROOT CAUSE — RC

Considering the origination of the problem , it occurs in the base of merely irrespective persons that are no way relatable to the children but for the currency kind of thing and also the child abuse(mainly in case of girl children)

7. BEHAVIOUR — BE

The proposed solution always keens/tends to make the gadget work in an efficient way so that it is not supposed meet up with any further constraints . Also the solution tries to ensure that efficient functionalties are to be provided to the fullest to the customers

Focus on J&P, tap into BE, understand RC

3. TRIGGERS — TR

The trigger which induces the customers is the one that when other working parents give a try to this and comment a positive review on this , they also tend to have a try to enhance their child safety.

10. YOUR SOLUTION — SL

Our Team has highly been intending to develop an efficient solution to overcome all the flaws that the existing solutions hold back still . We are highly on demand to ensure the efficient functionalities of the developing module the way it will not fail at anytime.

8. CHANNELS of BEHAVIOUR — CH

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 .

4. EMOTIONS: BEFORE / AFTER — EM

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 .

References:

1. https://www.ideahackers.network/problem-solution-fit-canvas/
2. https://medium.com/@epicantus/problem-solution-fit-canvas-aa3dd59cb4fe