**PROJECT DESIGN PHASE 1**

**PROBLEM SOLUTION FIT**

**Team ID : PNT2022TMID16949**

**Project Name: IoT Based Safety Gadget for Child Safety Monitoring and Notification**

**Marks: 2 Marks**

**1.Customer Segments:**

Our customer are mainly parents who are working and don 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 for something to make their children under the surveillance of them.

**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 canbe highly ensured. To ensure the parents that their surveillance on their children can never be taken off.

**3.Triggers:**

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.

**4.Emotions:Before/After:**

Customers are being frustrated that their children are doing safe or not before using the gadget. Once they start to use the developed solution they might feel free t focus on their work and also the surveillance of their children would happen with ease at any point of time.

**5.Avalable Solutions:**

Of course the solutions are available readly in the market such as angle 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.

**6.Customer Constraints:**

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 affordable for buying the developed solution kit might be the one they could not afford.

**7.Behaviour:**

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

**8.Channels of Behaviour:**

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 which includes the backup of the faiure of autual working kit.

**9.Problem Root Cause:**

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

**10.Your Solution:**

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.

