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| Date | 28 September 2022 |
| Team ID | PNT2022TMID45285 |
| Project Name | IOT Based gadget for child safety monitoring and Notification |

**PROJECT DESIGN PHASE -1**

**PROBLEM SOLUTION FIT**

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| 1.CUSTOMER SEGMENTS:  Who is your customer:  \*Working parents of 0-5years of kids | 2.JOBS -TO-BE-DONE/PROBLEM  Which jobs to be done(or problem)do you address for your customer  \*Lack of information about child location  \*Need for child health condition  \*To detect child fall | 3.3. TRIGGERS TR  What triggers customers to act?  \*i.e. seeing their neighbour installing  solar panels, reading about a more efficient solution in the news. |
| 4. EMOTIONS: BEFORE / AFTER EM  How do customers feel when they face a problem or a job and afterwards?  i.e. lost, insecure > confident, in control - use it in your communication strategy & design. | 5.AVAILABLE SOLUTIONS  Which solution are available to the customers when they face the problem  \*Services to get the data | 6.WHAT CONSTRAINTS PREVENT YOUR CUSTOMERS FROM TAKING ACTION OR LIMIT THEIR CHOICES OF SOLUTIONS?  \*spending power,budget,no cash,network connection,available devices |
| 7.BEHAVIOUR  What does your customer do to address the problem and get the job done?  I.e.directly related:find the right solar panel installer,calculate usage and benefits;indirectly assosciated:customer spend free time on volunteering work(i.e.Greenpeace) | 8.CHANNELS of BEHAVIOUR CH  8.1 ONLINE  What kind of actions do customers take online? Using location tracker they monitoring the kid activity  8.2 OFFLINE  What kind of actions do customers take offline?  They get help from the police | 9.PROBLEM ROOT CAUSE  What is the real reason that this problem exists?What is the back story behind the need to do this job?i.e.customers have to do it because of the change in regulations. |
| 10.YOUR SOLUTION  We are using the IOT based child safety monitoring system, through this location finder we can easily get the notification sound from the location tracker, which the kid also wearing a smart watch so that will help us to identify the kid easily |  |  |