Project Title: IOT based signs with smart connectivity for better road safety Project Design Phase-I-Solution Fit Team ID – PNT2022TMID45483

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| Define CS, fit into CC | 1.CUSTOMER SEGMENTS CS  Who is your customer?  i.e., the customers are peoples  Government public roads & Highway private sectors. | 5.AVAILABLE SOLUTIONS AS  Which solutions are available to the customers when they face the problem?  i.e., they should know the climate change and private & public sectors  Now a days we using static sign boards and man power to control traffic and accidents. | 8.CHANNELS OF BEHAVIOUR BH  8.1 ONLINE  What kind of actions do customers take online?  The kind of action in online has some connection issues to the IOT kit and device.  8.2 OFFLINE  What kind of actions do customers take offline?  The kind of action in offline must we need the prerecorded information must need. | Explore AS, differentiate |
| Focus on J&P, tap into BE, understand RC | 2.JOBS TO BE DONE/PROBLEMS J&P  Which jobs to be done (problems) do you address for your customers?  i.e., Affect the people who ever with high emergency  To replace the static signs boards SSB are used which will indicate the speed limits base on weather changes, diversion info & warning of PS public service | 6.CUSTOMER CONSTRAINTS CC  Which constraints prevent your customer  from taking action or limit of solutions?  i.e., lack of knowledge in static sign board  Somehow this project needs network connection and proper maintenance. | 9.PROBLEM ROOT CAUSE RC  What is the real reason that this problem exists?  i.e., customer know to use the techniques for Success  Its difficult to follow the static sign board. To reduce the work load of mankind. | Focus on J&P, tap into BE, understand RC |
| Identity strong TR & EM | 3.TRIGGERS TR  What triggers customers to act?  i.e., experiencing the issues on road  Vehicles with a high speed at a poor weather condition may causes accidents.  4.EMOTIONS: BEFORE/AFTER EM  How do customers feel when they feel a problem?  i.e., To save human lives  It could avoid traffic and save many people lives so people will feel safe and secure | 7.BEHAVIOUR BE  What does your customer do to address the problem and get the job done?  i.e., find the disease, analyse the land  People should be self-organized. Rules must be followed by the peoples at any circumstances. | 10.YOUR SOLUTION SL  If you are working on the Road safety Using IoT sensor, gather the relevant details  Providing the three features in a single smart signboard using technologies. Based on the weather changes the speed may increase or decrease. Based on the traffic, fatal situations the diversion signs are displayed. Guide (schools)warnings and service(Hospitals, restaurant) signs are also displayed accordingly. | Identity strong TR & EM |