Project title: Emerging method for Forest Fire Detection Project Design Phase-I Solution Fit Template Team ID: PNT2022TMID29241

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| Define CS, fit into cc | 1.CUSTOMER SERVICE cs  1.Tribal people and forest department officers living in forest.  2.Animals , birds and other living things in the forest. | 6.CUSTOMER CONSTRAINTS CC    1.Solar power cameras can be used as a power source  2.Waterproof cameras. 3.Seamless connection. | 5.AVAILABLE SOLUTIONS AS  1.Notification is sent via messages.  2.Fire alarm is activated to nearby stations. | Explore AS, differentiate |

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| Identify strong TR and EM | 3.TRIGGERS TR  1.Correct detection.  2.Alarm alert  3.Follow correct algorithm | 10.YOUR SOLUTION YS  1.Mobile application can be developed for specific areas.  2.Forest can be monitored by several cameras.  3.This can be used in wild life sanctuaries. | 8.CHANNELS OF BEHAVIOUR CH  **ONLINE**  Connected directly to the user via internet.  **OFFLINE**  Alerts can be sent via Offline messages and an alarm system is activated | Identify strong TR & RM |
| 4.EMOTIONS:BEFORE/AFTER EM  BEFORE AFTER  1.unable to detect small 1.Able to detect small  sparks. sparks.  2.camera should always 2.360 view of camera  be in motion . camera is used. |

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| Focus on J&p, tap into BE, undersatand RC | 2.JOBS-TO-BE-DONE/PROBLEMS  J&P  1.Detecting small fire sparks in forest becomes difficult.  2.Camera should always be in motion | 9.PROBLEM ROOT CAUSE RC  1.Special analysis system can be used.  2.Wireless mobile network via SIM can be used transfer alert message throughout areas | 7.BEHAVIOUR BE  1.Climate change should be monitored.  2.Hot areas should be monitored clearly. | Focus on J&P, tap into BE, Understand RC |