







Project Title: Emerging methods for early detection of forest fires
Project Design Phase-I - Solution Fit Template
Team ID: PNT2022TMID43687

Define CS, fit into CC	1. CUSTOMER SEGMENT(S)  <p>Forest guard</p>	6. CUSTOMER CONSTRAINTS  <p>Spending more money for the equipments, network connection for the devices, power supply interruptions, occurrence of damages sometimes these limitations the customers choices of solutions .</p>	5. AVAILABLE SOLUTIONS  <p>Alarm system for indication of fire, remote sensing based methods such as satellites, high -resolution static cameras fixed on the ground, unmanned aerial vehicles.</p>	Explore AS, differentiate
Focus on J&P, tap into BE, understand RC	2. JOBS-TO-BE-DONE / PROBLEMS  <p>Always clear the area around the workspace. The area should be even larger if it is windy and dry. Making sure that to never operate equipment that produces sparks near dry vegetation.</p>	9. PROBLEM ROOT CAUSE  <p>The fire is mainly caused by lightning, increased temperature, human activities and other reasons . Human caused fires result from campfires, equipment use and malfunction, negligently discarded cigarettes, etc..</p>	7. BEHAVIOUR  <p>They to monitor the forest areas themselves, often checking whether the camp fire are put off properly. Always having fire fighting tools always ready. Monitoring the temperature in the forest.</p>	Focus on J&P, tap into BE, understand RC