

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS Forest officer Common people	6. CUSTOMER CONSTRAINTS CC Satellites allow for detecting and monitoring a range of fires , providing information about the location, duration, size, temperature, and power output of those fires that would otherwise be unavailable. Satellite data is also critical for observing and monitoring smoke from the fires.	5. AVAILABLE SOLUTIONS AS Avoid burning wastes around dry grass. Obey local laws regarding open fires, including campfires Have firefighting tools nearby and handy. Use fire resistant roofing materials. undertake technical checkups regularly. Monitoring weather analytics, monitoring thermal anomalies, monitoring water stress and temperature rises.	Explore AS, Differentiate
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Focus on J&P, tap into BE, understand RC	2. JOBS-TO-BE-DONE / PROBLEMS J&B Satellite remote sensing offers a useful tool for forest fire detection, monitoring, management and damage assessment. During a fire event, active fires can be detected by detecting the heat, light and smoke plumes emitted from the fires. This application uses real-time satellite data to detect and monitor forest fires (sending alerts to mobile devices), and understand fire patterns.	9. PROBLEM ROOT CAUSE RC Forest fires cause lots of damage, some of them are – loss of wildlife habitat, extinction of plants and animals, destroys the nutrient rich top soil, reduction in forest cover, loss of valuable timber resources, ozone layer depletion, loss of livelihood for tribal people and poor people, increase in global warming.	7. BEHAVIOUR BE When the people don't have knowledge about forest fire	Focus on J&P, tap into BE, understand RC
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	3. TRIGGERS TR Human-caused fires result from campfires left unattended, the burning of debris, equipment use and malfunctions, negligently discarded cigarettes, and intentional acts of arson.	10. YOUR SOLUTIONS SL For this problem we use image processing and video analysis so by using satellite image processing we can able to find the fire at the early stage and stop spreading fire in the forest .	8.CHANNELS OF BEHAVIOUR CH ONLINE: fire alert sensor OFFLINE: Fire awareness program	
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4. EMOTIONS: BEFORE / AFTER

EM

Before: Unsafe and worries about lives and belongings

After: Safety and relief

This model is mainly build by using CNN and machine learningand deep learning