Project Design Phase-I Problem – Solution Fit Template

Date	10 October 2022
Team ID	PNT2022TMID06771
Project Name	Project – EMERGING METHODS FOR EARLY DETECTION OF FOREST FIRE
Maximum Marks	2 Marks

1. Due to natural causes- Lightning

2.Man-made causes- Naked flame,

cigarette, electric spark

Thus, contineous care and

preserve natural resources to

monitoring is needed to

save lives.

which is implemented to monitor the

forests sets the alarm to ring, that is

it gives the signal through which fire

team and the forest committee tries

to call off the fire. Thus, the aim is to

recognize the fire as early as possible

to prevent spread of fire which will

cause further damage to control.

management

releasing large number of carbon

dioxide carbon monoxide and fine

particulate matter into the atmosphere.

3. TRIGGERS



What triggers customers to act? i.e. seeing their neighbor installing solar panels, reading about a more efficient solution in the name.

The unconsious behavior towards burned cigarette left, chances of leaving the campfire remained burnt and electric supply being disrupted

4. EMOTIONS: BEFORE / AFTER



How do customers feel when they face a problem or a job and afterwards? Le. lost, insecure > confident, in control - use it in your communication strategy & design.

Wildfires can cause lot of stress since the factor that influence their direction and intensity are unpredictable and can change at anytime. People who have lived through wildfires can face dramatic mood swings, anxiety and mood-swings.

10. YOUR SOLUTION



If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality, and the working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behavior.

To minimize these loses, we have proposed a solution to detect early detection of forest fires by using CCTV camera surveillance, which can detect fire in indoor and outdoor activities. Thus instant alerts has to be sent to the forest management office so that they can take further actions to disrupt the damage caused by the fire.

8. CHANNELS of BEHAVIOUR

&1.0NLINE What kind of actions do customers take online? Extract online channels from #7

8.2 OFFLINE
What kind of actions do customers take offline?
Extract offline channels from #7 and use them for customer development.

Online Detection: Thus the chatbot or the API canconnect through internet to feed you with the current status of the forest.

Offline Detection: Thus, the forest management can send notice to the nearby residential areas or the media can bring the awareness through news, radio.