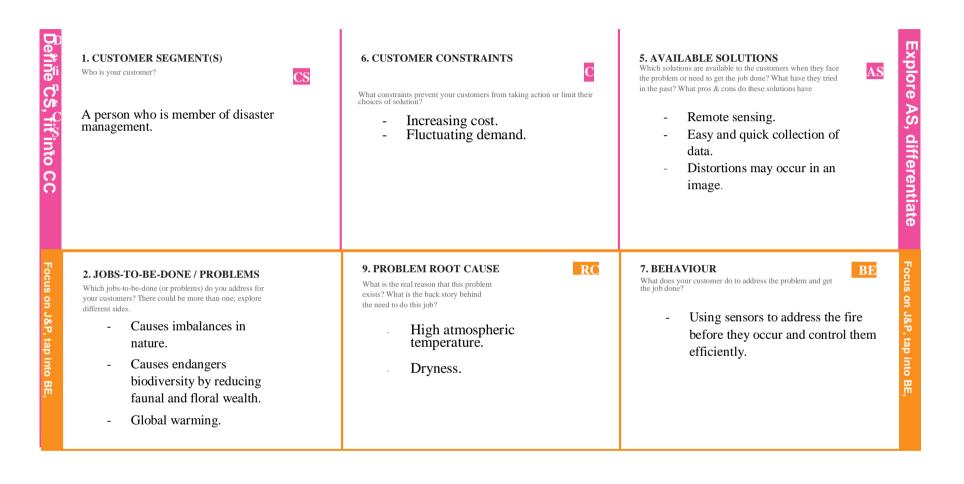
## **Project Title:** Emerging Methods for Early Detection of Forest Fires

# **Project Design Phase-I - Solution Fit Template**

**Team ID:** PNT2022TMID33969



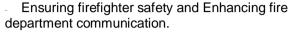
## 3. TRIGGERS

What triggers customers to act?

- To detect forest fires quickly and efficiently.

#### 4. EMOTIONS: BEFORE / AFTER

How do customers feel when they face a problem or a job and afterwards?



Make sure that fire has been controlled thoroughly.

## 10. YOUR SOLUTION

TR

EM

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.

If you are 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 behaviour.

- A feature-based AI algorithm uses an artificial neural network to scan the images for the telltale heat and smoke signature of wildfires
- Sensors, robots, and satellites, are all being used to detect, impede, and douse fires.

## 8. CHANNELS of BEHAVIOUR

#### 8.1 ONLINE

 $\overline{\operatorname{SL}}$ 

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

- Monitoring the condition of forest through the sensors.

## 8.2 OFFLINE

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

Take action according to the information they got.



