Organisation

Corporation

# Define CS, fit into CC

#### 1. CUSTOMER SEGMENT(S)

Forest Officers

Disaster Management

Sanctuary Management



# • Indicating the temperature level.

**6. CUSTOMER CONSTRAINTS** 

- Alert through alarm system.
- No need of manual monitoring.
- No loss of life and resources

#### 5. AVAILABLE SOLUTIONS



- To predict, early detect, and contain wildfires erupting in their territories.
- This Technology is mainly designed to prevent the ignition of forest fires.
- Time and life consuming for people involving in forest fires.

**Explore AS, differentiate** 

# cus on J

## 2. JOBS-TO-BE-DONE / PROBLEMS

• Need to develop Satellite based solution

• Reduce direct involvement of humans in fire detection.

• Detection of fires from Collected Datas Using AI



#### 9. PROBLEM ROOT CAUSE



- Human Negligence.
- Intentional acts of arson.
- Spark due to lightning.
- Any electrical shortage that causes fire.

#### RC

CC

#### 7. BEHAVIOUR

• Providing enough awareness to people.

• Making the public more awared.

- Making the public more awared.
- The sensors are used to detect the forest fire

BE

us on 18.0 tan into RE understand

#### 3. TRIGGERS



To limit the emission of toxic products created by combustion, as well as global-warming gases produced by the fire itself.

### 4. EMOTIONS: BEFORE / AFTER



**BEFORE:** 

Σ

య

7

dentify strong

Manual maintainance

Loss of resources

Defforestation

Air pollution

#### **AFTER:**

Detect fire early as possible

Air will not be polluted

Loss of lifes are reduced

Reduced the dead of animal's life.

#### **10. YOUR SOLUTION**



To implement this technology by Unmanned Aerial Vehicles(UAV) and the use computer vision methods for recognition and detection of smoke or fire, based on the still images or the video input from the drone cameras which early detects the forest fire and saves the life of animals and human health.

#### **8.CHANNELS of BEHAVIOUR**



#### **ONLINE:**

This system is based on the artificial intelligence and real time tecniques .This system detects and sense the different or other signal and transfer to the system.

#### **OFFLINE:**

We use the fire fighters for stop the forest fire otherwise the people inform to the police or fire fighter for stop the fire.