

Project Design Phase-II

Customer journey map

Journey Steps Which step of the experience are you describing?	Discovery Why do they even start the journey?	Registration Why would they trust us?	Onboarding and First Use How can they feel successful?	Sharing Why would they invite others?
Actions What does the customer do? What information do they look for? What is their context?	Keep tracking of climate changes	Collect data and image processing Register previous records of fire range in detector. Forest fire are connected to area of the most vulnerable regions in a forested landscape	We can track the accurate location where forest is in fire GPS is connected and we can know the accurate location of fire A number of way to detect fire (thermal, optical, acoustic, etc.) Usage of the satellite images to detect, detect, and report fire events	Prevent the area from spreading of fire The device is also used in households to prevent fire accident If high temperature tolerance is improved.
Needs and Pains What does the customer want to achieve or avoid? <i>Tip: Reduce ambiguity, e.g., by using the first person narrator.</i>	We want to collect the data To avoid risk for animals	Early warning and immediate response to a fire event are critical in avoiding great environmental damage. Always aware of detectors to be in good condition. Detection of fire pattern	Using deep learning algorithm and convolutional neural networks. Implementation of the wireless sensor networks to observe the fire events and its all-around. Data aggregation to be used by different applications (e.g., fire prevention, fire detection, and fire response). Set the limits of sensor range to detect disaster.	Detectors results can be shared with firefighters. It will also be used to detect volcanic eruptions. Its a wireless device so its compatible
Touchpoint What part of the service do they interact with?	Detecting forest fire with high accuracy using sensors in challenging environment	Thermal imaging that detect fire in vegetation Forest fire detection using optical, acoustic, and other sensors. Forest fire detection using optical, acoustic, and other sensors. Temperature sensor, humidity sensor are installed.	While getting alert, notification we can prevent forest fire. Alert system would be able to save property (infrastructure, wildlife habitat and ecosystem). Cameras mounted are used to prevent fire flame infrared and visual pictures. It is true frequent fires on large scales cause air pollution/forest in biodiversity.	Task of sharing is to improve efficiency of the device. Detecting device will be available for all the forest officers. Forest officers provide safety of the plants and animals.
Customer Feeling What is the customer feeling? <i>Tip: Use the emoji app to express more emotions</i>	😨	😞	😞	😞
Backstage				
Opportunities What could we improve or introduce?	Increase/decrease a leading metric by	Increase/decrease a leading metric by	Increase/decrease a leading metric by	Increase/decrease a leading metric by
Process ownership Who is in the lead on this?	Constant monitoring and transmission of live video.	Conversion of video into frames.	Alert system would be able to save property (infrastructure, wildlife habitat and ecosystem).	Loop the process in case of no fire.