

Project Design Phase-II

Customer Journey

Date	08 November2022
Team ID	PNT2022TMID51308
Project Name	Natural Disasters Intensity Analysis and Classification using Artificial Intelligence
Maximum Marks	4 Marks

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?	<div> <div>Detecting the protection of environment</div> </div>	<div> <div>Uses an integrated system to capture the video frame and the video frame is compared with the known model and the type of disaster is identified and showcased to the user's screen.</div> </div>	<div> <div>To connect the system with web cam through the mobile applications.</div> <div>disturb the human ecological system but also destroy the properties and critical infrastructures of human societies and even lead to permanent change in the ecosystem.</div> </div>	<div> <div>This model is to detect and classify the type of disaster with a high accuracy rate. To prevent natural disasters in the future, said model can be used to predict future disasters and take some action against heavy loss of human, ecological systems and property.</div> </div>
Needs and Pains What does the customer want to achieve or avoid? Tip: Reduce ambiguity, e.g. by using the first person narrator.	<div> <div>Decrease the impact caused by natural disaster</div> <div>Prevent issues that are caused by disaster</div> </div>	<div> <div>To have enough knowledge on handle the AI based</div> </div>	<div> <div>Data acquired from these UAVs helps to identify the facial expressions of victims, the intensity of their situation and their needs in a post disaster scenario.</div> </div>	<div> <div>It helps to decrease the impact caused by natural disaster.</div> </div>
Touchpoint What part of the service do they interact with?	<div> <div>It uses an integrated system to capture the video frame and the video frame is compared with the known model and the type of disaster is identified and showcased to the user's screen.</div> </div>	<div> <div>video frame</div> <div>OpenCV window</div> <div>integrated webcam</div> </div>	<div> <div>Notification in mobile</div> <div>Report</div> </div>	<div> <div>Overcome losses in ecosystem.</div> <div>High dependency</div> </div>
Customer Feeling What is the customer feeling? Tip: Use the emoji app to express more emotions	<div> <div>😊</div> </div>	<div> <div>😊</div> </div>	<div> <div>😊</div> </div>	<div> <div>🌈</div> </div>
Backstage				
Process ownership Who is in the lead on this?	<div> <div>Governments</div> </div>	<div> <div>Governments</div> </div>	<div> <div>Governments</div> </div>	<div> <div>Governments</div> </div>