Project Design Phase-II
Customer Journey Map

Date	14 October 2022
Team ID	PNT2022TMID25918
Project Name	Natural Disasters Intensity Analysis And Classification Using Artificial Intelligence
Maximum Marks	4 Marks

CUSTOMER JOURNEY MAP

Document an existing experience

Narrow your focus to a specific scenario or process within an existing product or service. In the **Steps** row, document the step-by-step process someone typically experiences, then add detail to each of the other rows.

TIP
As you add steps to the experience, move each of these "Five Es" the left or right depending on the scenario you are documenting.

Natural disasters intensity analysis and classification using AI

	Entice — How does someone initially become aware of this process?		Enter — What do people experience as they begin the process?		Engage — In the core moments in the process, what happens?		Exit — What do people typically experience as the process finishes?		Extend — What happens after the experience is over?	
Steps — What does the person (or group) typically experience?	Users become aware of the AI model through advertisements and social media	Users become aware of this model through the government and nature protecting agencies	Video frames captured for the intensity analysis	Classification and prediction results of the disasters	Classifies the natural disaster and tells the intensity of disaster	Evaluating existing conditions of exposure and vulnerability that can harm people and environment	Determination of the nature and extent of disaster risk	Triggering an alarm to alert people if disaster is predicted	Establishing link with government and organizations for Mitigation	Implementing Helpline, Awareness and Threshold Actuating Systems
Interactions — What interactions do they have at each step along the way? ■ **People:** Who do they see or talk to? ■ **Places:** Where are they? ■ **Things:** What digital touchpoints or physical objects would they use?	Interaction with people who are familiar with product	In the workplaces and publicplaces	Use of hardware on-screen interfaces to communicate	Interaction with technical experts	Interaction with scientists and disaster analysers	Interaction with videocam for continous monitoring	Communicate their feedback to service providers	Contact the helpline in case of disaster detection	Interaction with the government agencies for taking appropriate functions	Interaction with other people to spread awareness
Goals & motivations — At each step, what is a person's primary goal or motivation? ("Help me..." or "Help me avoid...")	Simple user friendly UI	To gain knowledge in the field of natural disaster classification	To make full use of the functionality of the model	Time bound support	Improved response time	Accurate prediction	Examining the numbers of fatalities, injuries	Preventing loss of life and property	Ensuring better service to customers	Improvisation based on feedback provided
Positive moments — What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?	Motivated to save human and property	Productive algorithms and calculations for disaster classification	Delightful user interface experience	Exploring the possibility of a continous self-learning model using DL	Designing light weight Web Application	Training and testing of model	Periodic forecasting without interruption	Ensuring Robust Operation across terrains and climates	Examining the financial damage caused	Implementing Helpline, Awareness and Threshold Actuating Systems
Negative moments — What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?	Time consuming analysis	Complexity of algorithms	Fear of losing data	Costly hardware and software components	Collection of large set of data is time consuming	Frustation due to long duration of training of model	Failure due to technical issues	Anger due to some error in resuts	Examining the false triggering and correcting it	Fear of loss of life and property
Areas of opportunity — How might we make each step better? What ideas do we have? What have others suggested?	Increased brand loyalty	Advertising the model to public	Betterment of accuracy in prediction	Retrieval of Training and testing data	Designing light weight Web Application	Addition of more number of data	Optimizing the AI Model with respect to real world environment	Periodic forecasting without interruption	Maximizing the uptime of the Web App Service	Examining the false triggering and correcting it