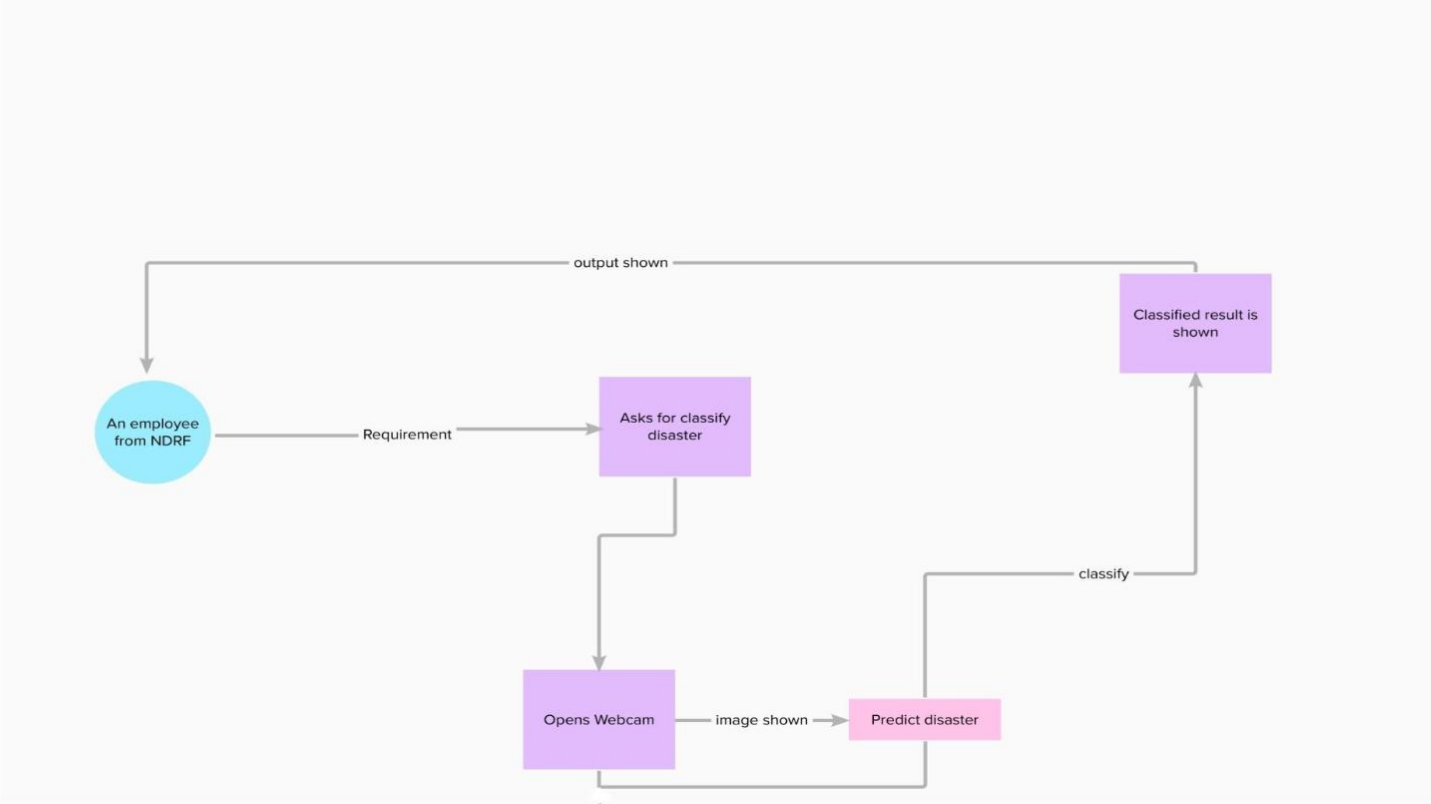
Project Design Phase-II
Data Flow Diagram & User Stories

Date	29 October 2022
Team ID	PNT2022TMID26356
Project Name	Project - Natural Disaster Intensity Analysis And Classification Using Artificial Intelligence
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Data Flow Diagram for "Natural Disasters Intensity Analysis and Classification using Artificial Intelligence":



User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer	Registration	USN-1	As a user, registration should be done	Proper email id and password is accepted	High	Sprint-1
Customer	Area to be monitored	USN-2	As a user, I can particularly select the area to be continuously checked and analyzed	The areas should be checked and selected without lapse.	Medium	Sprint-1
Customer	Safety	USN-3	As a user, I should monitor the devices is in the secured place which should cover the wide area	Safety measures should be done to prevent disaster	High	Sprint-2
Customer	Examination of natural anamoly	USN-4	As a user, I should analyze the depth of the occurrence of the phenomena	I should monitor the factors which cause disaster	High	Sprint-1
Customer	Battery Backup	USN-5	As a user, I want to check the battery to prevent from power loss	Aware to always keep battery backup, Sometimes it may help in crucial situations.	Low	Sprint-3
Customer	Algorithm to be used	USN-6	As a user, I should be very conscious in selecting required algorithm	Algorithm provides a correct understanding about the model designd.	Medium	Sprint-4
Customer (Web user)	Internet Connectivity	USN-7	As a user, I should monitor the internet connection periodically	Stronger Internet connection is required in emergency situations.	High	Sprint-2
Customer (Web user)	Social Media	USN-8	As a user, I will be active in social media sites to know more updates about specific disaster	Active in social media sites to know updates	Medium	Sprint-4
Customer	Prediction and analysis of data	USN-9	As a user, I can ale to predict and visualize data	Using algorithm and some visualization techniques to predict disaster	High	Sprint-3
Customer	Generating the Possible outcome	USN-10	As a user, Generating possible output for the disaster occurrence	Several disasters can be captured and the output	High	Sprint-4

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
				is shown		