3

8
5
1
2

P

r
o
j
e
c
t

D
e
s
i
g
n

P
h
a
s
e
-
I
I

D
a
t
a

F
l
o
w

D
i

a g r a m

& U s e r

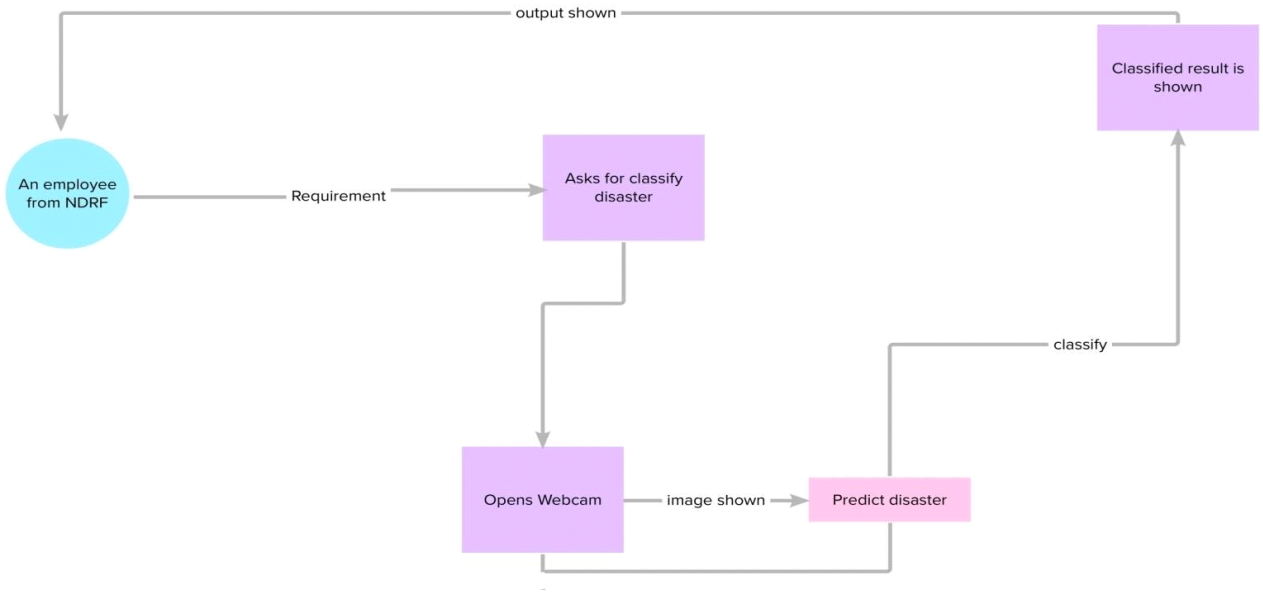
S t o r i e s

Date	19 November 2022
Team ID	PNT2022TMID45080
Project Name	Project – Natural Disasters 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

Here the list all the user stories for the project "Natural Disaster Intensity Analysis and Classification Using Artificial Intelligence".

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 user ,I can particularly select the areato be continuously checked	The areas should be checked and selected without	Medium	Sprint-1

			and analyzed	lapse.		
Customer	Safety	USN-3	As a user,I should monitor the device is in the secured place which should cover 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 analyse the depth of the occurrence of the phenomena	I should monitor thefactors which causes 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 any crucial situations.	Low	Sprint-3
Customer	Algorithm to beused	USN-6	As a user,I should be very conscious in selecting required algorithm	Algorithm provides a correct understanding about the model designed.	Medium	Sprint-4
Customer(Webuser)	Internet Connectivity	USN-7	As a user,I should monitor the internet connection	Strong internet connection is required in emergency situations.	High	Sprint-2

			periodically			
Customer(webUser)	Social media	USN-8	As a user ,I will be active in social media sites to know more updates about specific diasaster	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 algorithms and some visualization	High	Sprint-3

User Type	**Functional Requirement (Epic)**	**User Story Number**	**User Story / Task**	**Acceptance criteria**	**Priority**	**Release**
				techniques to predict disaster		
Customer	Generating the possible outcome	USN-10	As a user,generating possible output forthe disaster occurrence	Several disasters can be captured and output is shown	High	Sprint-4