

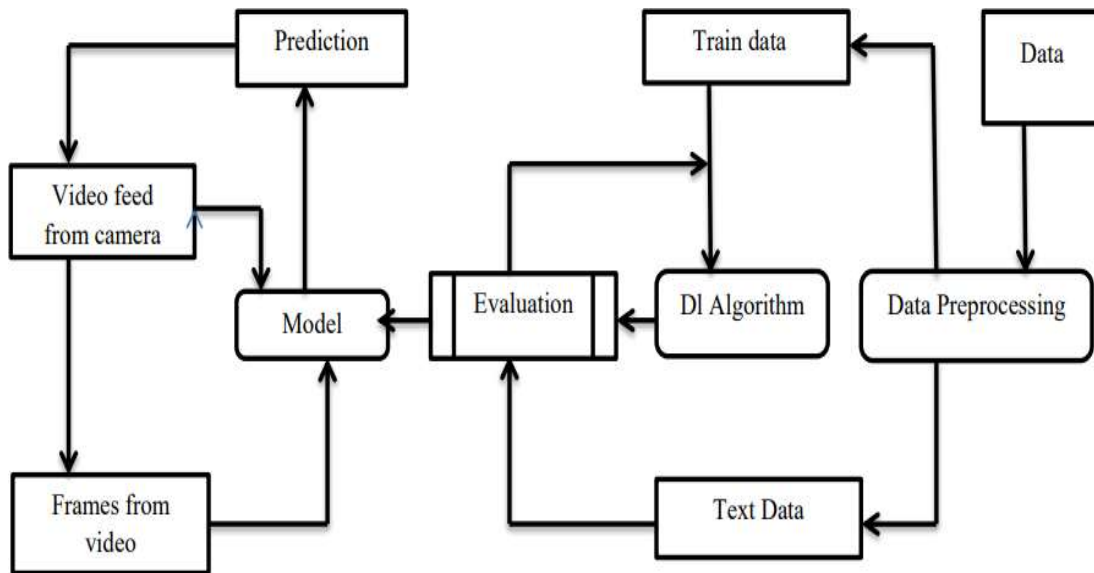
Project Design Phase-II

Data Flow Diagram & User Stories

Date	10 October 2022
Team ID	PNT2022TMID26880
Project Name	Natural disaster intensity analysis and classification using Artificial Intelligence
Maximum Marks	2 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



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer	Installation	USN-1	As a user, I can install this where the disaster occur	I can do it by myself	High	Sprint-1
customer	Designation of Region	USN-2	I can select the region of interest to be monitored and analyzed	I can choose certain specific places without error	High	Sprint-1
customer	Analysis of Required Phenomenon	USN-3	I am able to monitor certain factors that influence the actions of the phenomenon	I can monitor most of the factors involved in the action	High	Sprint-2
customer	Accumulation of required Data	USN-4	I am able to gather data regarding past events and a detailed report on past analysis	I can allow the storage of data of past events for certain extent	Medium	Sprint-2
customer	Algorithm selection	USN-5	I am able to choose the required algorithm for a specific analysis	I can choose various options for the algorithm to be used	High	Sprint-2
customer	Prediction and analysis of data		I am able to easily predict and visualize the data	I can use easy use prediction and visualization techniques	High	Sprint - 3
Customer (Web user)	Report generation		I am able to generate a clear and detailed report on the analysis	I can generate Report fast and it would be efficient and not complex	Medium	Sprint -4