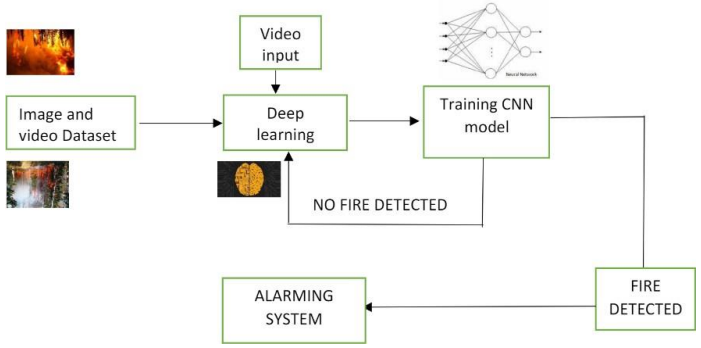
Project Design Phase-II
Data Flow Diagram & User Stories

Date	18 October 2022
Team ID	PNT2022TMID23627
Project Name	Emerging Methods for Early Detection of Forest Fires
Maximum Marks	4 Marks

Data Flow Diagrams:



1. COLLECTING DATA
2. CHECKING REALTIME DATA
3. DETECTING INPUT STREAM
4. EVALUATING THE RESULTS
5. DISPLAY RESULTS

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
Forest department	Collect the data	USN-1	It is necessary to collect the data of the forest which includes temperature , humidity, soil erosion ,wind and rainfall of the forest	It is necessary to collect the right data else the prediction may become wrong	Medium	Sprint-1
Scientist	Developing new technology	USN-2	Identify algorithms that can be used for prediction	To collect the algorithm to identify the accuracy level of each algorithms	High	Sprint-2
Testing role	To check algorithm works fine in all situations	USN-3	Identify the accuracy of each algorithms	Accuracy of each algorithm-calculated so that it is easy to obtain the most accurate output	Low	Sprint-2
Data analyst	To correlate with previous data	USN-4	Evaluate the Dataset	Data is evaluated before processing	Medium	Sprint-1
		USN-5	Identify accuracy,precision,recall of each algorithms	These values are important for obtaining the right output	High	Sprint-3
people	To get the accomplished outcome of the project	USN-6	Outputs from each algorithm are obtained	It is highly used to predict the effect and to take precautionary measures.	High	Sprint-4