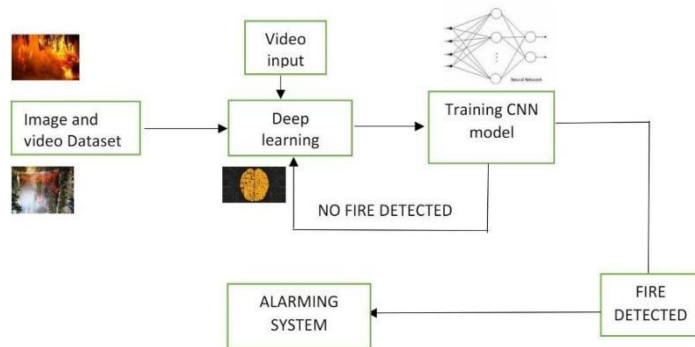


## Project Design Phase-II

### Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID12623
Project Name	Project - 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