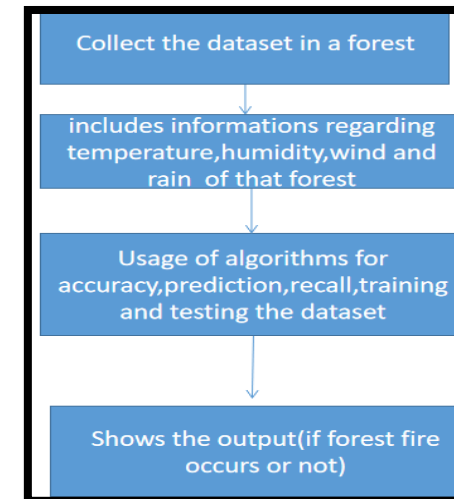
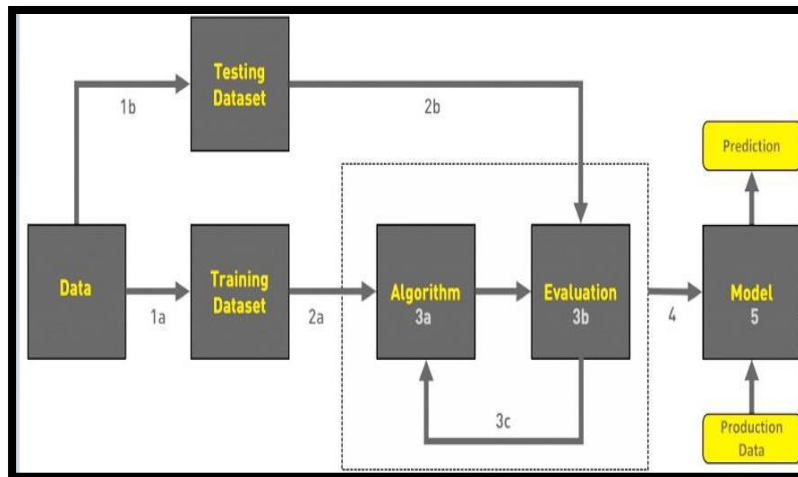


## Project Design Phase-II Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID53546
Project Name	Project - Emerging Methods for Early Detection of Forest Fires
Maximum 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.



1. COLLECT DATA  
3. IMPLEMENT ALGORITHMS

2. EVALUATE DATA SET  
4. EVALUATE THE ACCURACY OF EACH ALGORITHMMS

5. DISPLAY RESULT

## 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
Environmentalism	Collect the data .	USN-1	As an Environmentalism, it is necessary to collect the data of the forest which includes temperature, humidity, wind, and rain of the forest	It is necessary to collect the right data image feed frame camera.	High	Sprint-1
		USN-2	Identify algorithms that can be used for prediction	To collect the algorithm to identify the accuracy level of each algorithm	Medium	Sprint-2
	Implement Algorithm.	USN-3	Identify the accuracy of each algorithm	Accuracy of each algorithm-calculated so that it is easy to obtain the most accurate output	High	Sprint-2
		USN-4	Evaluate the Dataset	Data is evaluated before processing	Medium	Sprint-1
	Evaluate the accuracy of algorithm.	USN-5	Identify accuracy, precision, recall of each algorithm	These values are important for obtaining the right output	High	Sprint-3
	Display unit.	USN-6	Outputs from each algorithm are obtained	It is highly used to predict the effect and to take precautionary measures	High	Sprint-4