

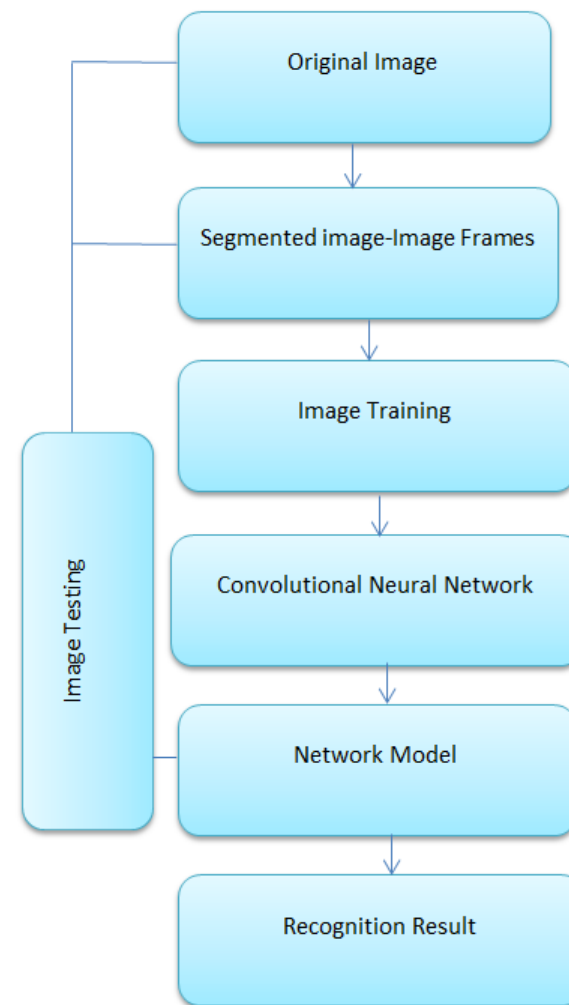
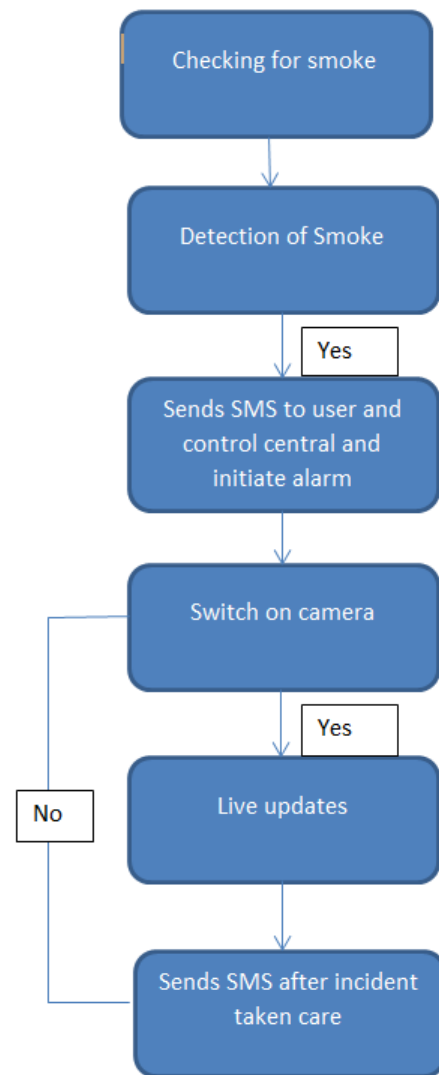
Project Design Phase-II
Data Flow Diagram & User Stories

Date	31 October 2022
Team ID	PNT2022TMID17691
Project Name	Emerging Methods for Early Detection of Forest Fires
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:



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Forest Authority	Collect the data	USN-1	As an Environmentalist, it is necessary to collect the data of forest which includes data like temperature, humidity, wind and rain	I can analyse the data collected	High	Sprint-1
		USN-2	Identify algorithms that can be used for prediction	collect the algorithm to identify the accuracy level of each algorithms	Medium	Sprint-2
	Identifying the algorithm	USN-3	Identify the accuracy of each algorithms	Accuracy of each algorithm-calculated so that it is easy to obtain the most accurate algorithm	High	Sprint-2
	Evaluate Accuracy of Algorithm	USN-4	Identify accuracy, precision, recall of each algorithms	These values are important for obtaining the right output	High	Sprint-3