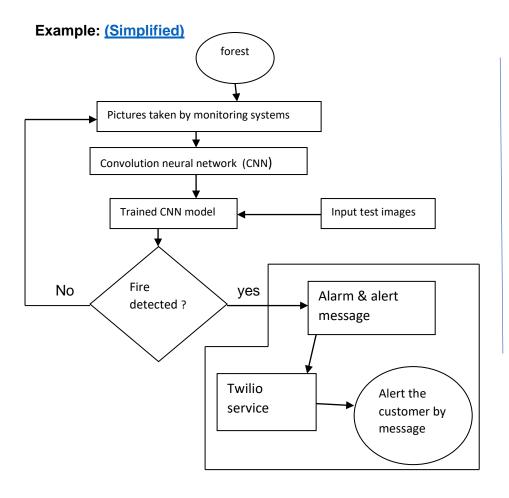
## Project Design Phase-II Data Flow Diagram &User Stories

Team ID	PNT2022TMID33183	
Project Name	Emerging methods for early detection of forest	
	fires	
Maximum Marks	4 Marks	

## **Data Flow Diagrams:**



## **Detecting forest fire (Industry Standard)** Continuous **Forest** monitoring system Training the CNN model Trained CNN model CNN deployment on IBM Fire No fire detected detected Alert the customers by Twilio sending messages service

## **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
Developer	Registration	USN-1	As a user, I can sign up and register respective sites to access the required details and data. And import the required libraries for the processes.	I can access the account / dashboard	High	Sprint-1
Assistant developer	Login	USN-2	As a user, I will access the page and test and train the CNN model to predict or detect the forest fire.	I can test and confirm the error free detections	High	Sprint-2
Customer Care Executive	Worker	USN-3	As a customer care executive, i am available to the customers .so if the customers have any issues or in need of any assistance they will get help and solve them.	I can be in contact with the customers.	medium	Sprint 3
Customer (Web user)	Login	USN-4	As a user, i will have the access to know about the activities in the forest.	I can get messages when there is fire in the forest	High	Sprint-4