Dataflow Diagram

Date	31October 2022
Team ID	**PNT2022TMID48018**
Project Name	Emerging Methods for Early Detection of Forest Fires
Maximum Mark	4 Mark

Dataflow chart

START

IT CHECKS FOR THE SMOKE AND FIRE IN THE FOREST

IMAGE DATASET

CLASSIFICATION AND PREPROCESSING OF IMAGE DATASETS

```
         │
         ▼
    ╱─────────────╲
   ╱               ╲
  ╱  FIRE OR SMOKE  ╲
  ╲   DETECTED      ╱
   ╲               ╱
    ╲─────────────╱
         │
         ▼
  ┌─────────────────────────┐
  │ INITIATES ALARM AND SEND │
  │ ALARM MESSAGES TO THE BASE │
  │ STATION                  │
  └─────────────────────────┘
         │
         ▼
  ┌─────────────────────────┐
  │     SHOW RESULT          │
  └─────────────────────────┘
         │
         ▼
      ╭─────────╮
      │  STOP   │
      ╰─────────╯
```
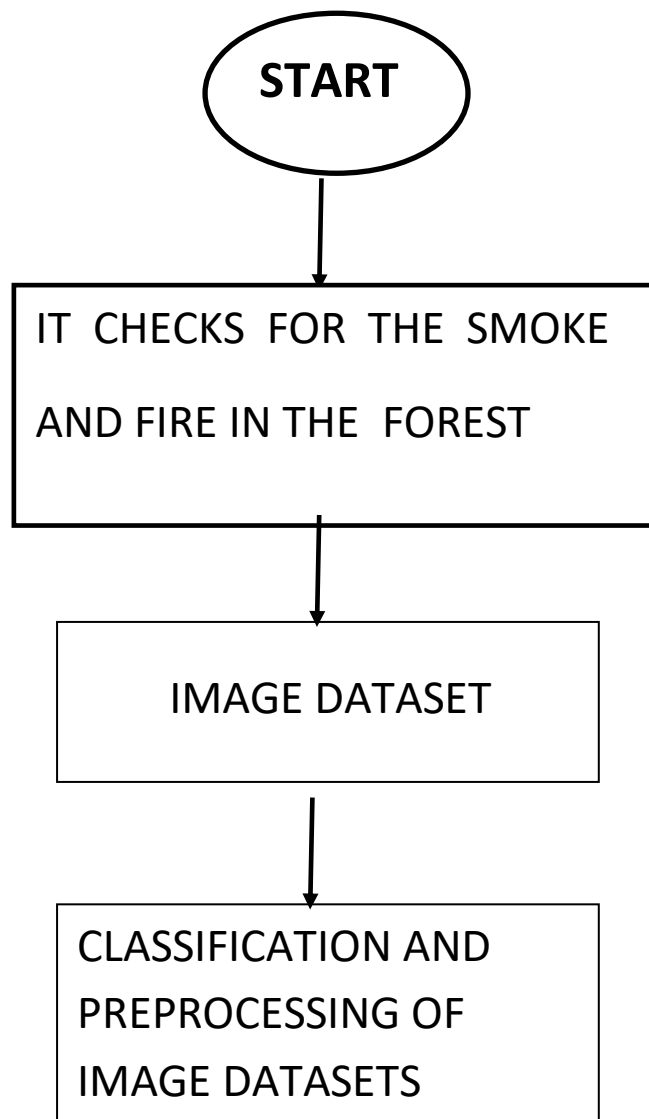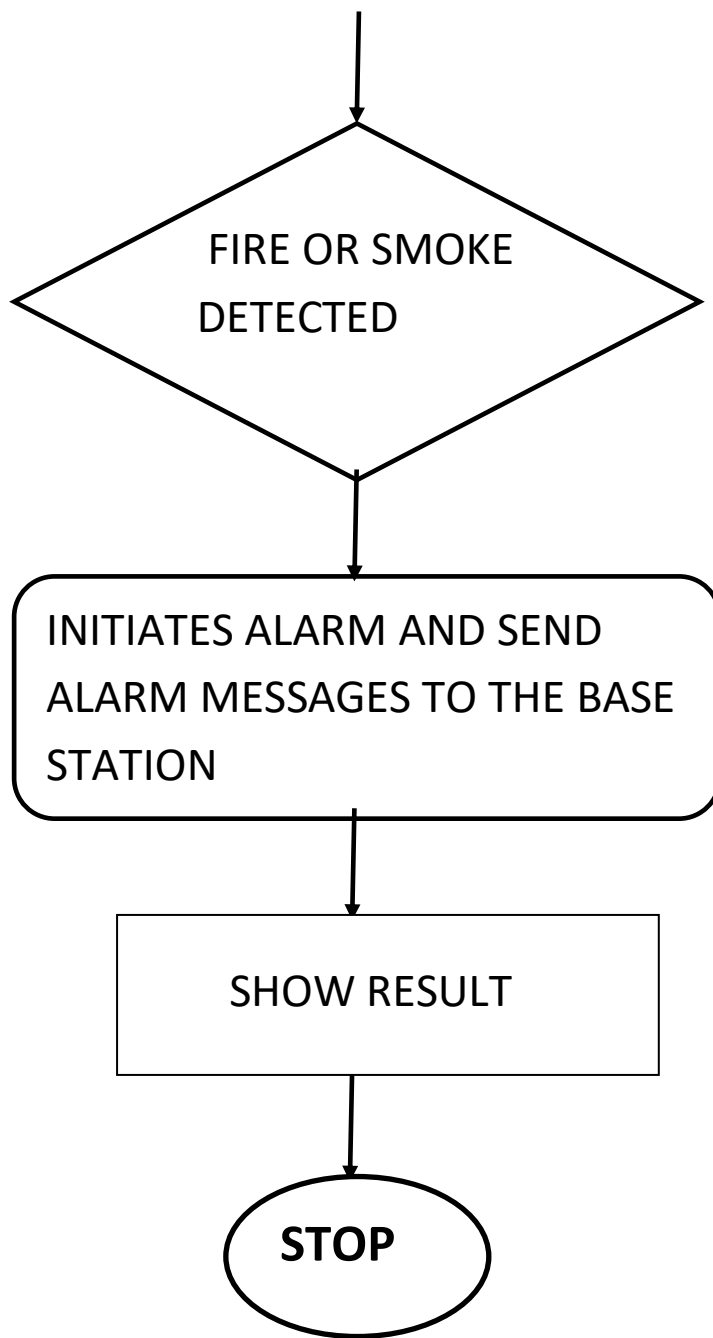
User Stories

User the below templates to all the user stories for the products.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint -1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint -1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint -2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint -1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint -1
	Dashboard					