Project Design Phase-II
Data Flow Diagram & User Stories

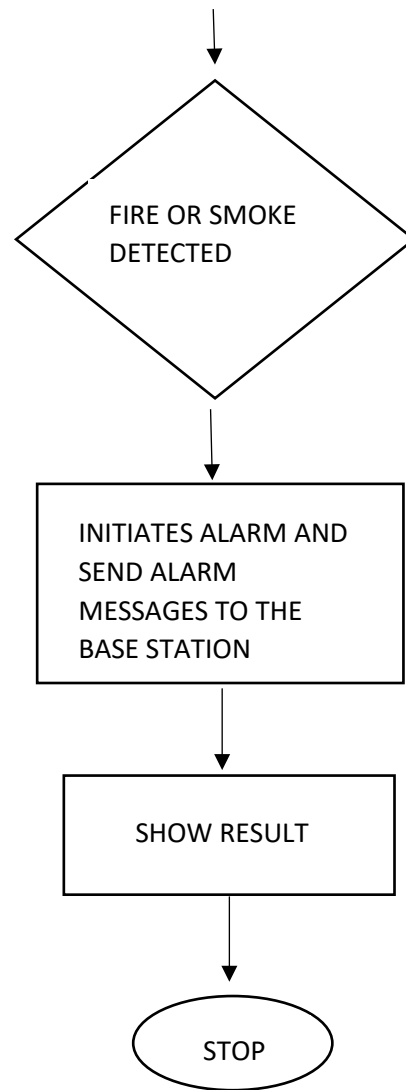| Date	15 October 2022
Team ID	PNT2022TMID48861
Project Name	Project – Emerging methods for early detection of forest fire
Maximum Marks	4 Marks

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.

IT CHECKS FOR THE SMOKE

AND FIRE IN THE FOREST

(START)

↓

IMAGE DATASET

↓

CLASSIFICATION AND PREPROCESSING OF IMAGE DATASETS

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                     ╱─────────╲
                    ╱           ╲
                   ╱  FIRE OR SMOKE ╲
                  ╱   DETECTED      ╲
                  ╲                 ╱
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                    ╲             ╱
                     ╲───────────╱
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                          ▼
              ┌───────────────────────┐
              │  INITIATES ALARM AND   │
              │  SEND ALARM            │
              │  MESSAGES TO THE       │
              │  BASE STATION          │
              └───────────────────────┘
                          │
                          ▼
              ┌───────────────────────┐
              │     SHOW RESULT        │
              └───────────────────────┘
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                    │   STOP     │
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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
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					