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

| Date	20 October 2022
Team ID	PNT2022TMID14761
Project Name	Emerging method of forest fire detection
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.
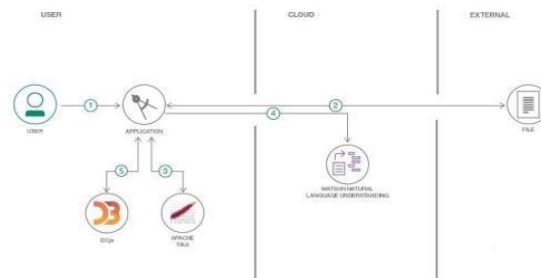
1. User configures credentials for the Watson Natural Language Understanding service and starts the app.

2. User selects data file to process and load.

3. Apache Tika extracts text from the data file.

4. Extracted text is passed to Watson NLU for enrichment.

5. Enriched data is visualized in the UI using the D3.js library.
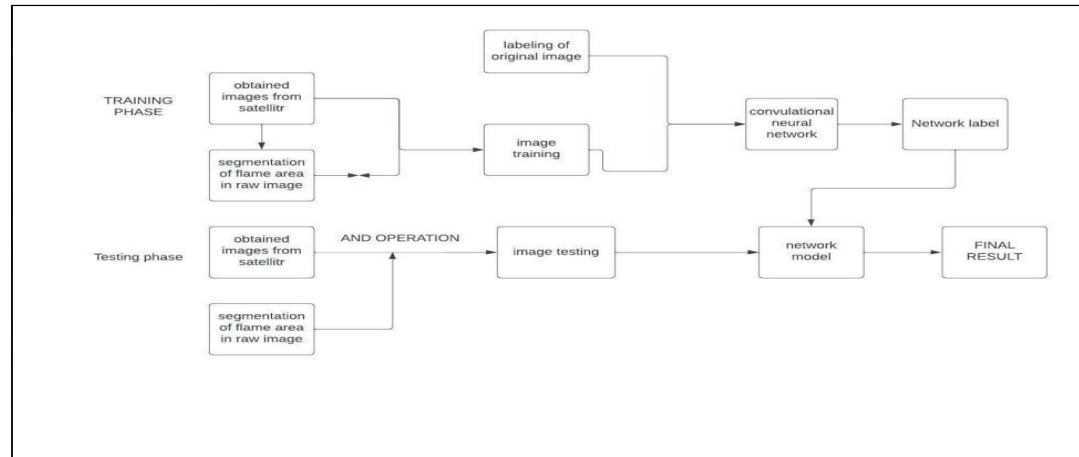
User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I can register for the application through gmail.		Medium	Sprint-1
	Login	USN-3	As a user, I can log into the application by entering email & password	User will get confirmation mail in their registered gmail	High	Sprint-1
Customer (Web user)	Web Registeration	USN-1	User have to register by giving their personal information,gmail,password	User will get confirmation mail in their registered gmail	High	Sprint-1
	login	USN-2	User have to login their account by using their username and password		High	Sprint-1
Administrator	Admin Registeration	USN-1	Admin register through direct verification Admin will get separate username and password		High	Sprint-1