Project Design Phase-II
Data Flow Diagram & User Stories
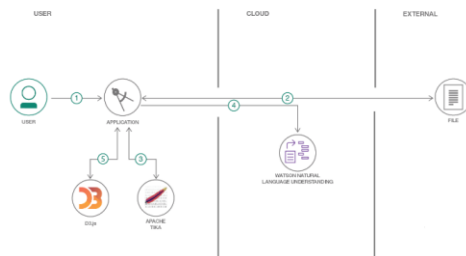
Team ID	PNT2022TMID31966
Project Name	Emerging methods for early detection of forest fires
Maximum Marks	4 Marks

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.
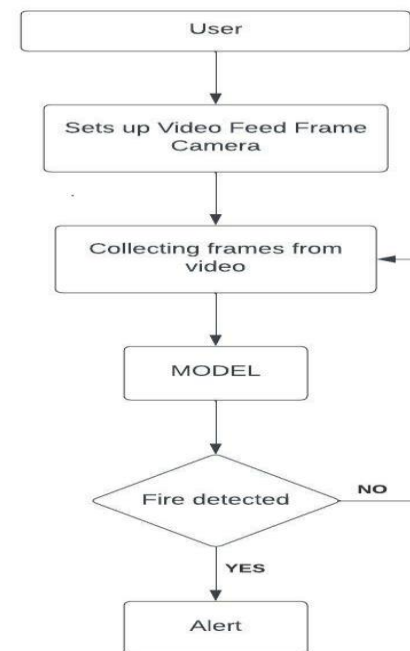
Example: DFD Level 0 (Industry Standard)

Example: **(Simplified)**

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 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	high	Sprint-2
		USN-4	As a user, I can register for the application through Gmail		Low	Sprint-1
	Login	USN-1	As a user, I can log into the application by entering email & password	They can access the details and dashboard	High	Sprint-1
Customer (Web user)	Registration	USN-3	Login into executive portal to help the user	Help in accessing the moment and the acess	High	Sprint-1
Customer Care Executive	Help dashboard	USN-2	Can provide the necessary details of help through desired way like emails,mobiles and SMS		Medium	Sprint-1
Administrator	User account control	USN-4	The person who is responsible for the website control and other management activities	Provides support to forest fire predection	High	Sprint-1