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

| Date	01 November 2022
Team ID	PNT2022TMID13731
Project Name	News Tracker Application
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: (Simplified)

DFD 0th level

Flow
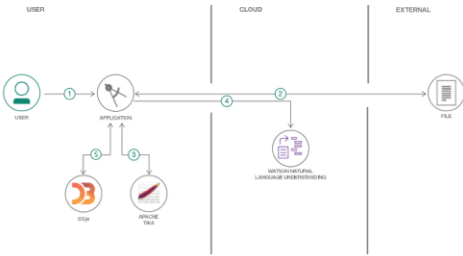
1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.
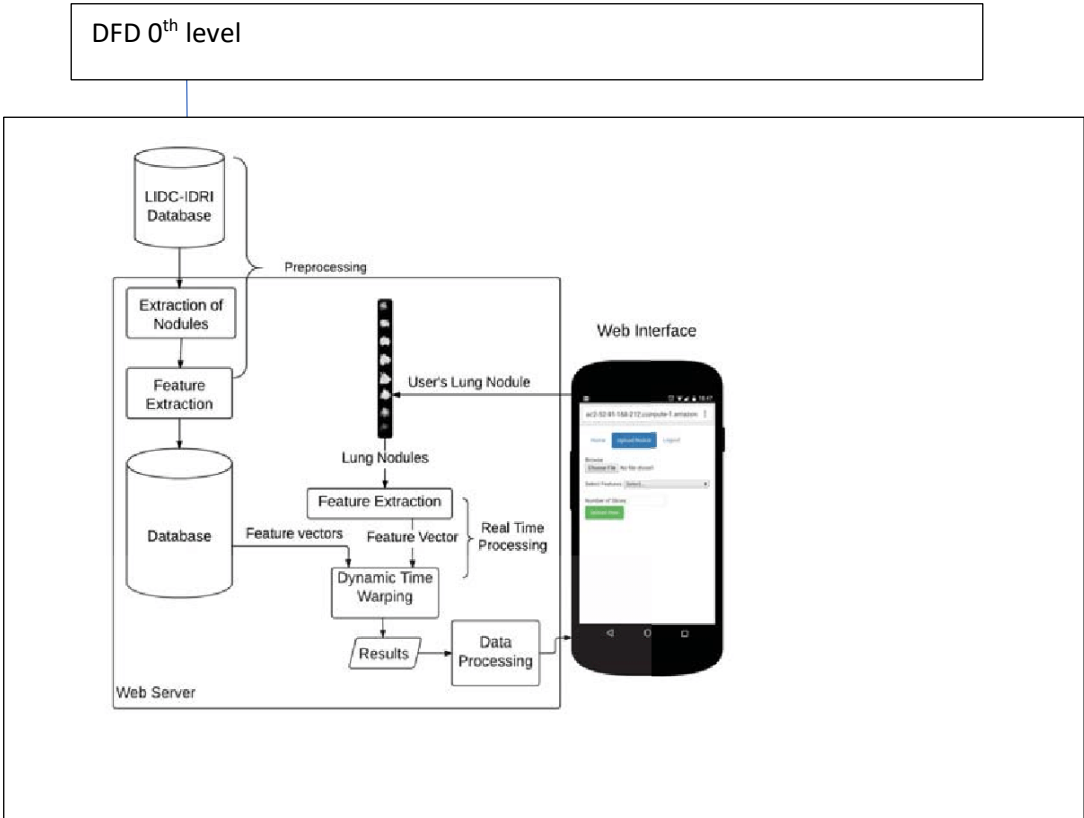
User Stories

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, web 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 Gmail	I can register & access the dashboard with Facebook Login	Low	Sprint-2
	Login	USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Dashboard	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
		USN-6	As a user, I can enter the interests and choices of news I want to see for the first time in dashboard		High	Sprint-2
Customer (Web user)	Settings	USN-7	As a user, I can log out my account in settings	I can click confirm to log out and end the session.	Medium	Sprint-3
Customer Care Executive	Chat Bot/query Section	USN-8	As a user, I can update my interests and choice in account setting		Medium	Sprint-3
		USN-9	Solve issues brought up by client		Medium	Sprint-4
Administrator		USN-10	Roll out updates and bug fixes		High	Sprint-4