

Project Design Phase-II

Data Flow Diagram & User Stories

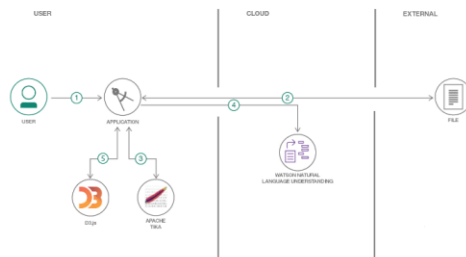
Date	03 October 2022
Team ID	PNT2022TMID50731
Project Name	News tracker Application
Maximum Marks	4 Marks

Data Flow Diagrams:

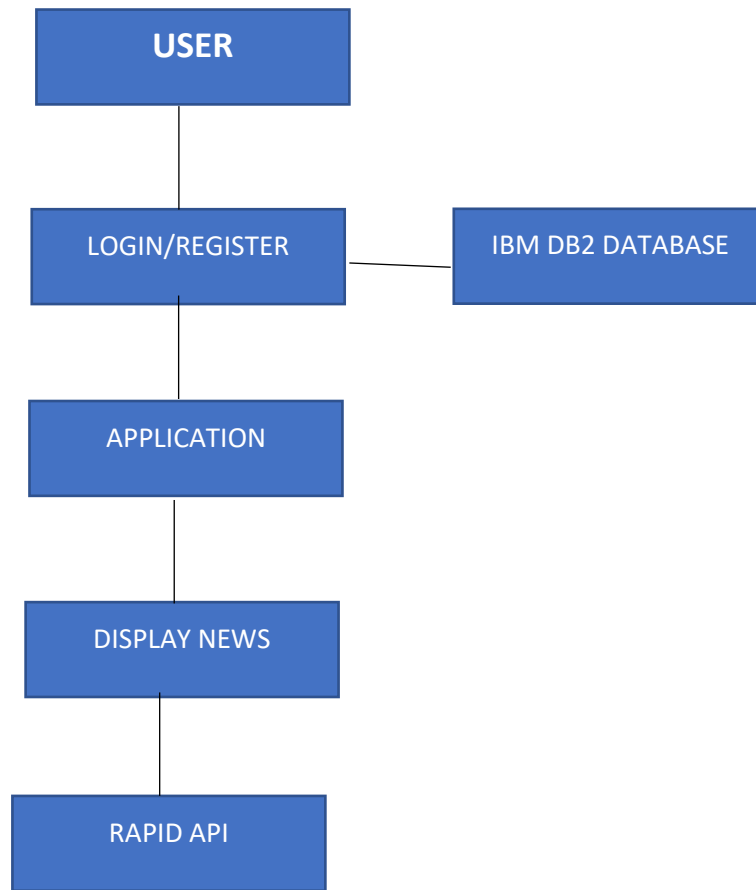
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: [\(Simplified\)](#)

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)	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 credentials.	I can register & access the dashboard	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register the application through Gmail	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can register via email and password	High	Sprint-1
	Dashboard	USN-6	As a user , I can view the news displayed in the web application.	I can view the news in the dashboard	Medium	Sprint-1
Customer (Web user)		USN-7	As a user I can select my interest and access the news content based on my interest.	I can select my interest	Medium	Sprint-2
Customer Care Executive	Chatbot	USN-8	As a user I can clear my doubts in the chatbot.	I can clarify my doubts with chatbot	Medium	Sprint-4
Administrator		USN-9	As a user I can login through the browser and access the news	I can utilize this application via browser	Low	Sprint-1
		USN-10	As a user I can updated through the daily events.	I can updated with daily events	High	Sprint-1