

Project Design Phase-II Data Flow Diagram & User Stories

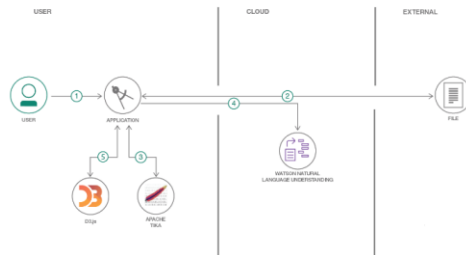
Date	20 October 2022
Team ID	PNT2022TMID41218
Project Name	News Tracker Application
Maximum Marks	4 Marks

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.

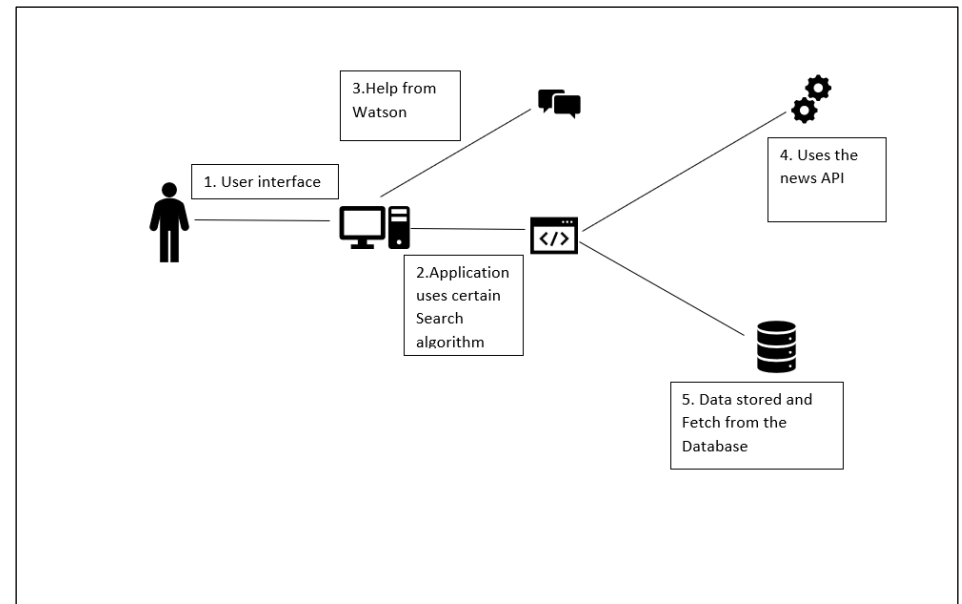
Example: (Simplified)

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.

Example: DFD Level 0 (News Tracker Application)



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	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 access my account	Medium	Sprint-1
	Login	USN-4	As a user, I can log into the application by entering email & password	It directed to the web application	High	Sprint-1
	Dashboard	USN-5	As a user can access the service provided by the application, such as user can get the news from their current location as well as worldwide.	It gives the user interested area in news from the help of database and API	High	Sprint-1
Customer Care Executive	Help	USN-6	Watson helps the user to clear the user questions	I can receive the solutions for my questions	Medium	Sprint-2
Administrator	Administrator	USN-7	As a user, the administrator gives the access the resource	Overall service	High	Sprint-3s