Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID21106
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: DFD Level 0 (Industry Standard)

Example: Flow Diagram

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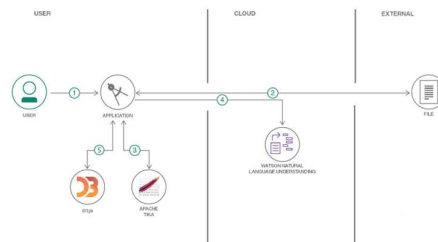
1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using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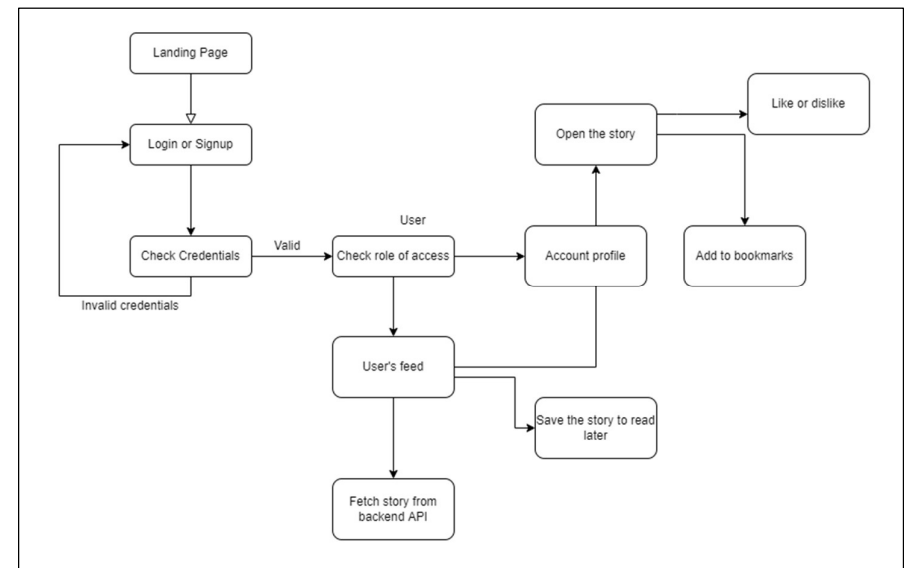
User Stories

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	Medium	Sprint-1
		USN-3	As a user, I can register for the application through Google	I can register & access the dashboard with Google Login	Low	Sprint-2
	Login	USN-4	As a user, I can log into the application by entering email & password	I'm redirected to dashboard if entered credentials are valid	High	Sprint-1
	Dashboard	USN-5	The updated feed with latest stories fetched from the API are displayed	I'm able to view latest stories in my feed	High	Sprint-1
Customer (Web user)	Search Bar	USN-6	Users searches for stories or topic in the search bar	I'm able to view relevant stories in my feed	Medium	Sprint-2
		USN-7	Users can apply filters to their searches such as date, publisher etc	I'm able to apply filters to my search results for more accurate results	Low	Sprint-1
Customer Care Executive	Chatbot	USN-8	A functional chatbot can respond to user queries in real time	I'm able to clear my queries with the help of the chatbot	Medium	Sprint-3
Administrator	Server	USN-9	Administrator verifies and validates the news available in the database	Fakes and invalid news will be rejected and removed from the database	High	Sprint-4
		USN-10	Administrator provides news articles with video and audio content	I am able to view the articles with video and audio content	High	Sprint-3