Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID23944
Project Name	Project - Web Phishing Detection
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
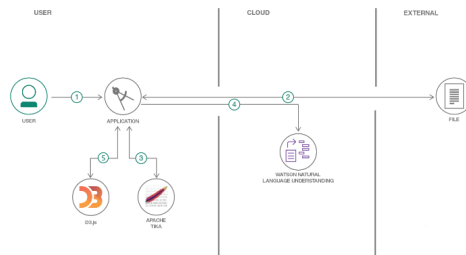
1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

Example: DFD Level 0 (Industry Standard)

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	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USN-6	As a user i can be able to paste the url and check the status of the url whether its is a phishing website or not	I can get email or direct popup of whether the website is a phishing website or not	High	Sprint -2
Customer (Web user)	Registration	USN-7	As a user, I can register for the application by entering my email, password, and confirming my password using any browser(specially chrome)	I can access my account / dashboard	High	Sprint 1
	Login	USN-8	As a user,I can log into the webpage by entering email & password		High	Sprint-1
	Dashboard	USN-9	As a user i can check the status of url		High	Sprint-1
	User input	USN-10	As a user i can input the particular URL and wait for URL detection.	I can go access the website without any problem	High	Sprint-1
Customer Care Executive	Feedback and queries	USN-11	As customer care executive i can get feedback and queries from the user and reply to them.	I can access the website easily and also communicate with both user and administrator	Medium	Sprint-3

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Administrator	Collection and updating the phishing URL data base	USN-12	As the administrator i can have access to database and update it with phishing URLs accordingly.	I can have easy access tof front and back end of model.	High	Sprint-2