

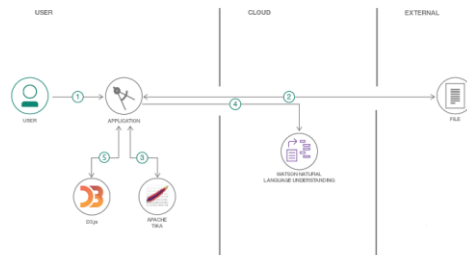
Project Design Phase-II Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID06781
Project Name	Project – Global Sales Data Analytics
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.

Flow

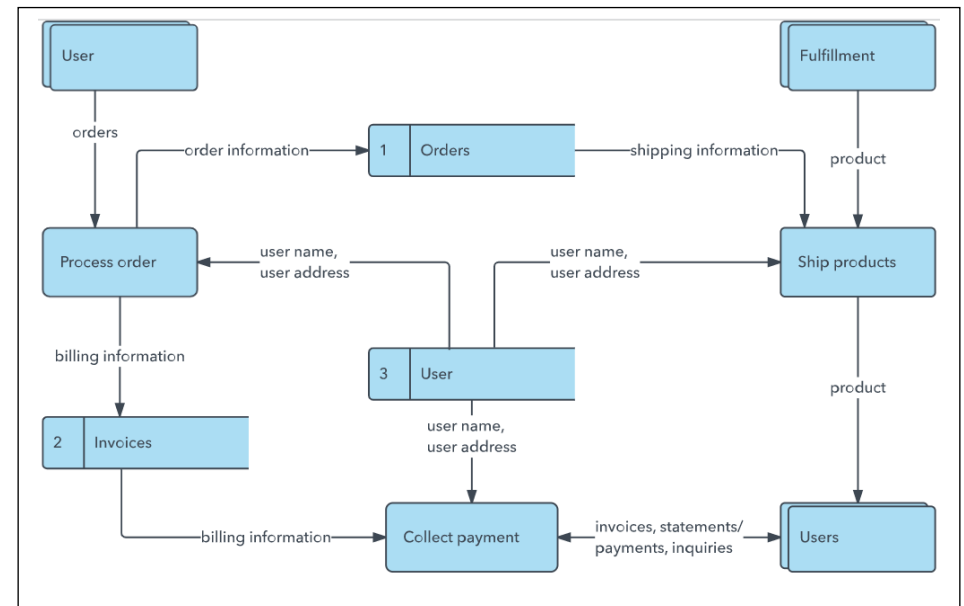


1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using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

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

User Stories

Example: DFD Level 0 (Industry Standard)



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	I can sign up for the application as a user by providing my email address, a password, and a password confirmation.	I can access my account / dashboard	High	Sprint-1
		USN-2	I can sign up for the application as a user by providing my email address, a password, and a password confirmation.	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	I can sign up for the application as a user through Facebook.	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	I can sign up for the application as a user using Gmail.		Medium	Sprint-1
	Login	USN-5	I can access the application as a user by providing my email address and password.		High	Sprint-1
	Dashboard	USN-6	I may access the dashboard as a user by entering the credentials.		High	Sprint-1
Customer (Web user)	Login	USN-1	I can sign in as a user with my email and the specified password.	I can access dashboard	High	Sprint-1
Customer Care Executive	Chat	USN-1	Can be accessible by the user	User having the account can use this chat	High	Sprint-2
Administrator	Calling and Mailing	USN-2	can be viewed by the company owner with the necessary authorizations	User having the account	High	Sprint-2