

Project Design Phase-II Data Flow Diagram & User Stories

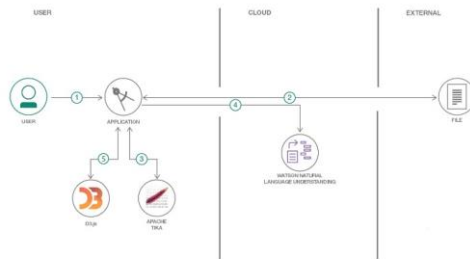
Date	03 October 2022
Team ID	PNT2022TMID50563
Project Name	Global Sales Data Analytics
Maximum Marks	4 Marks

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.

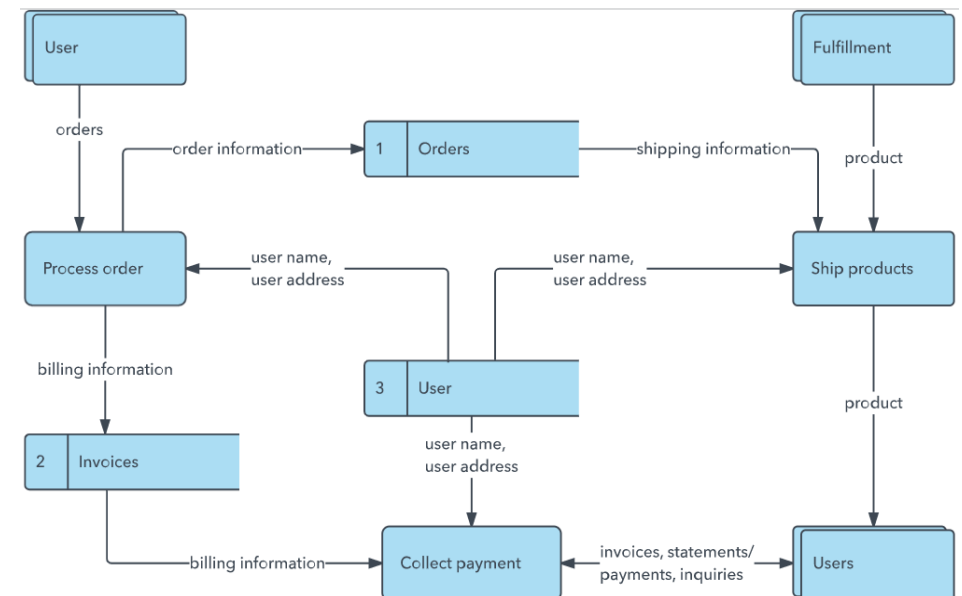
Example: (Simplified)

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	I can receive latest updates or releases on platform via email	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can receive a welcome message and beginner tutorial on dashboard	High	Sprint-1
	Dashboard	USN-6	As a user I can access the dashboard on login and see visualizations of my data	I can receive periodic notifications on the predictions	High	Sprint-1
		USN-7	As a user I can access the dashboard on login and upload my data	I can receive updates on platform synchronized with global updates	Medium	Sprint-2
Customer (Web user)	Registration	USN-8	As a user, I can register on the web by entering my email, password, and confirming my password.	I can access my account/dashboard synchronized with my phone	High	Sprint-1
	Login	USN-9	As a user, I can log into the application by entering email & password	I can receive a welcome email on entering the platform	High	Sprint-1
	Dashboard	USN-10	As a user I can access the dashboard on login and see account summary, previous works and predictions made till date	I can receive mails on predictions made for a dataset when needed	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer Care Executive	Registration	USN-11	As a user I can raise my concern if not able to register in various devices	I can receive a very quick technical support on registration issues	High	Sprint-1
	Login	USN-12	As a user I can raise my concern if not able to login because of forgetting my password	I can receive an automatic password recovery mail	High	Sprint-1
	Dashboard	USN-13	As a user I can raise my concern if not able to access my previous works on the dashboard	I can receive support of the backups saved in server through mail	High	Sprint-1
Administrator	Registration/Login	USN-14	As a user I can register linking any of my accounts as in Gmail, LinkedIN, etc. and login from any device	I can synchronize all my progress in web as well as mobile application	High	Sprint-1
	Dashboard	USN-15	As a user I can backup my works on a periodic basis in my icloud account	I can fix my periodicity of backups and see logs of the changes made	High	Sprint-2