

Project Design Phase –II

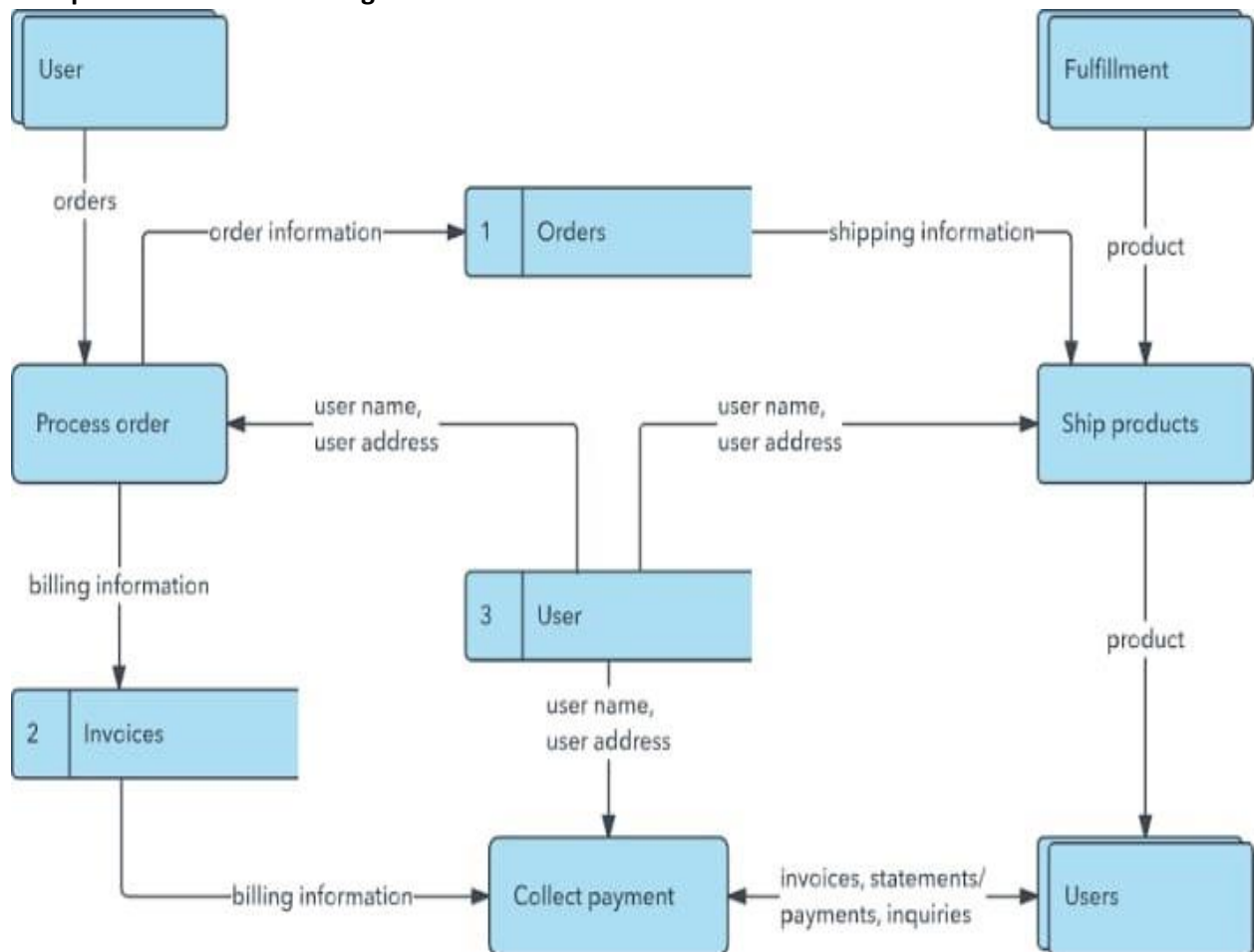
Design Flow Diagram & User Stories

Date	10 October 2022
Team ID	PNT2022TMID41405
Project Name	Global Sales Data Analytics

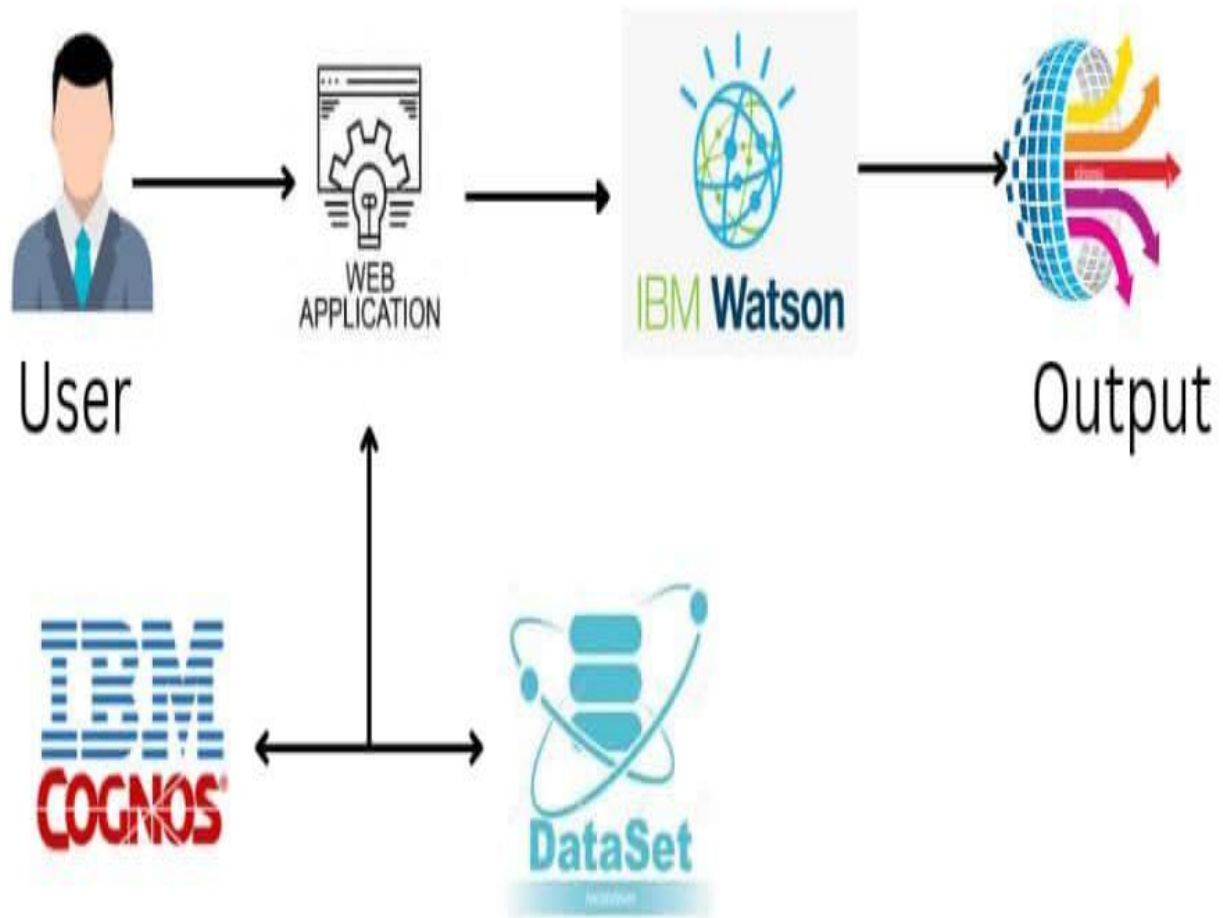
Data Flow Diagrams :

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 : Structural Flow Diagram



DATA FLOW DIAGRAM FOR GLOBAL SALES DATA ANALYTICS



Flow structures :

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 Tikan 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 D3.js library.

User Stories

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 my 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					
Customer(Web user)	Login	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 and dashboard	High	Sprint-1
Customer Care Executive	Chat Box	USN-1	It can be used by easily access and responsible.	I can access by easily through application	High	Sprint-2
Administrator	Calling	USN-2	It can be used by easily access and responsible.	I can access by easily through application	High	Sprint-2
	Mail	USN-3	It can be used by easily access and responsible.	I can access by easily	High	Sprint-1

				through application.		