

## Project Design Phase –II

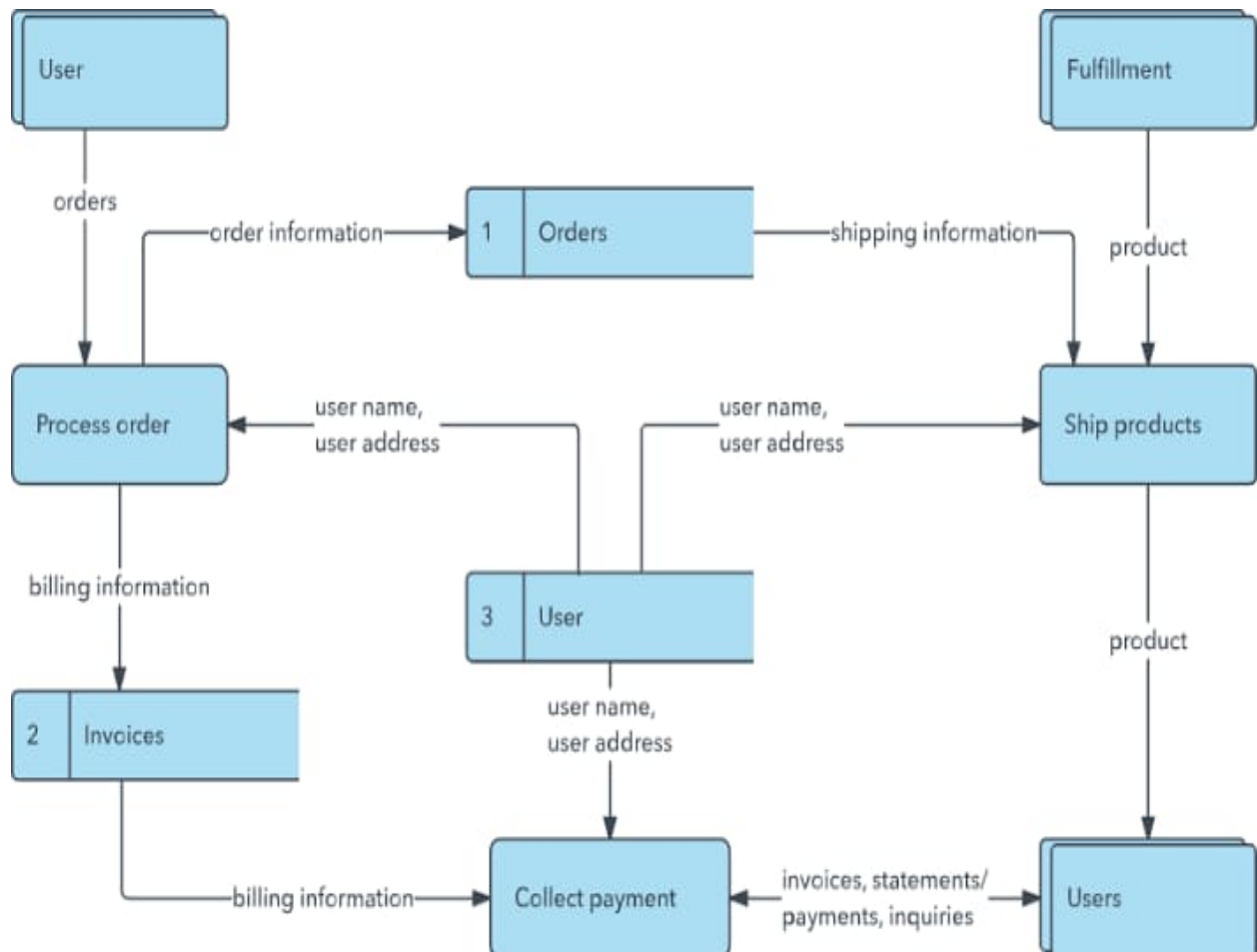
### Design Flow Diagram & User Stories

Date	10 October 2022
Team ID	PNT2022TMID15414
Project Name	Global Sales Data Analytics
Maximum Marks	4 Marks

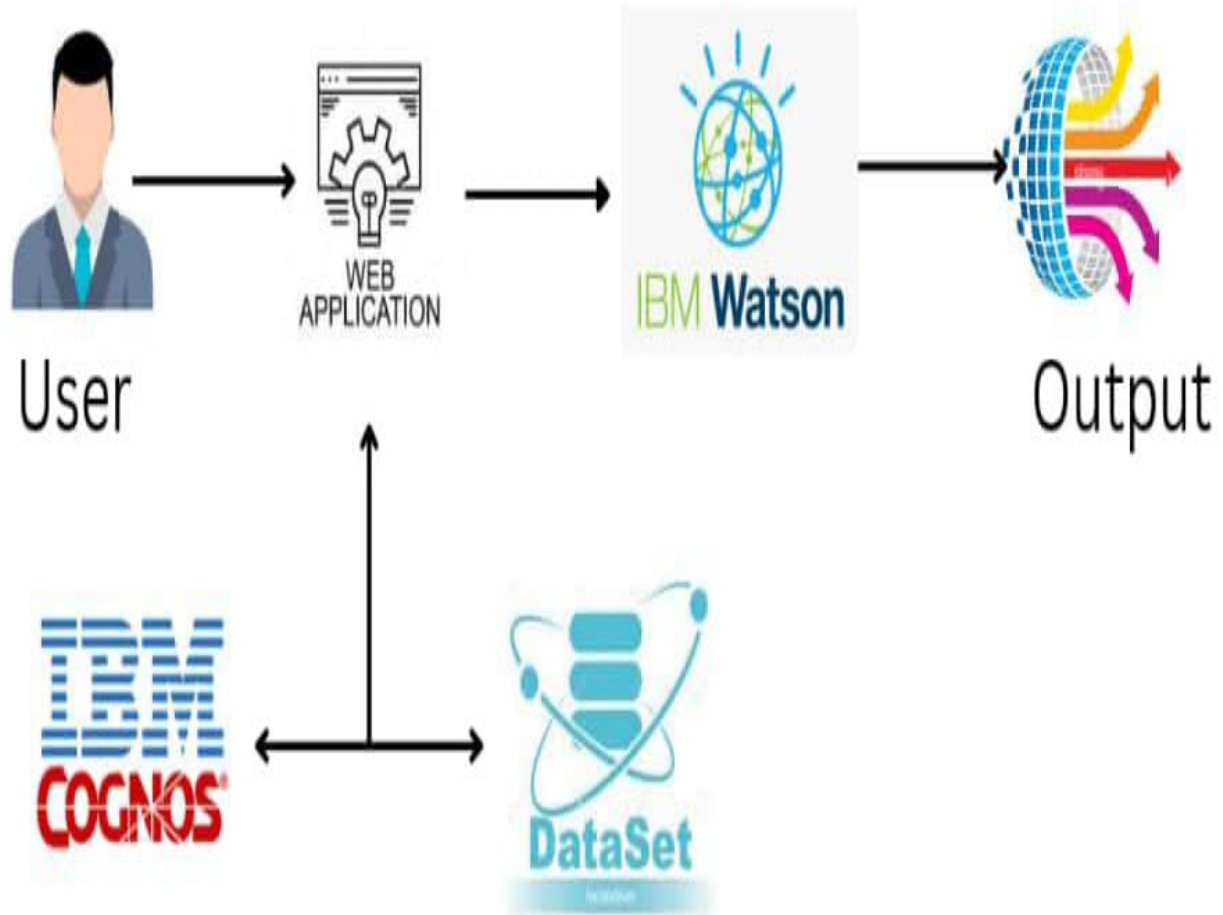
#### Data Flow Diagrams :

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 : 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 through application.	High	Sprint-1