

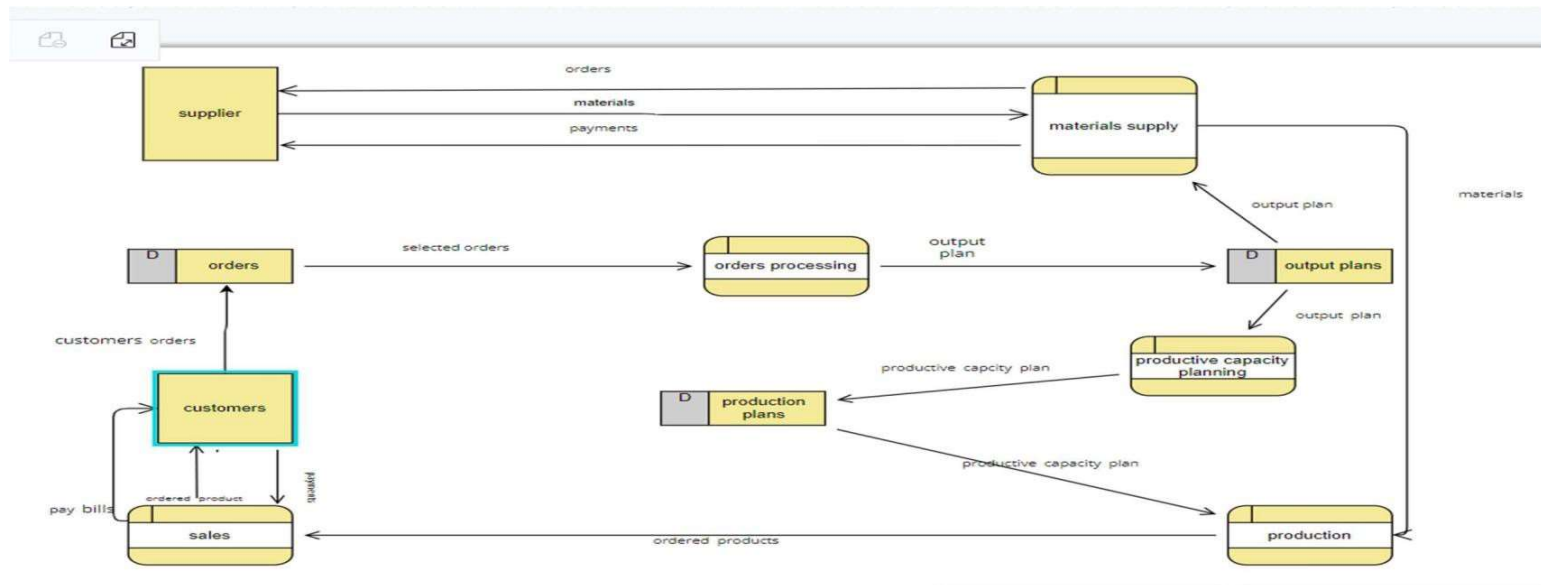
Project Design Phase-II
Data Flow Diagram & User Stories

Date	17 October 2022
Team ID	PNT2022TMID53263
Project Name	GLOBAL SALES DATA ANALYTICS
Maximum Marks	4 Marks

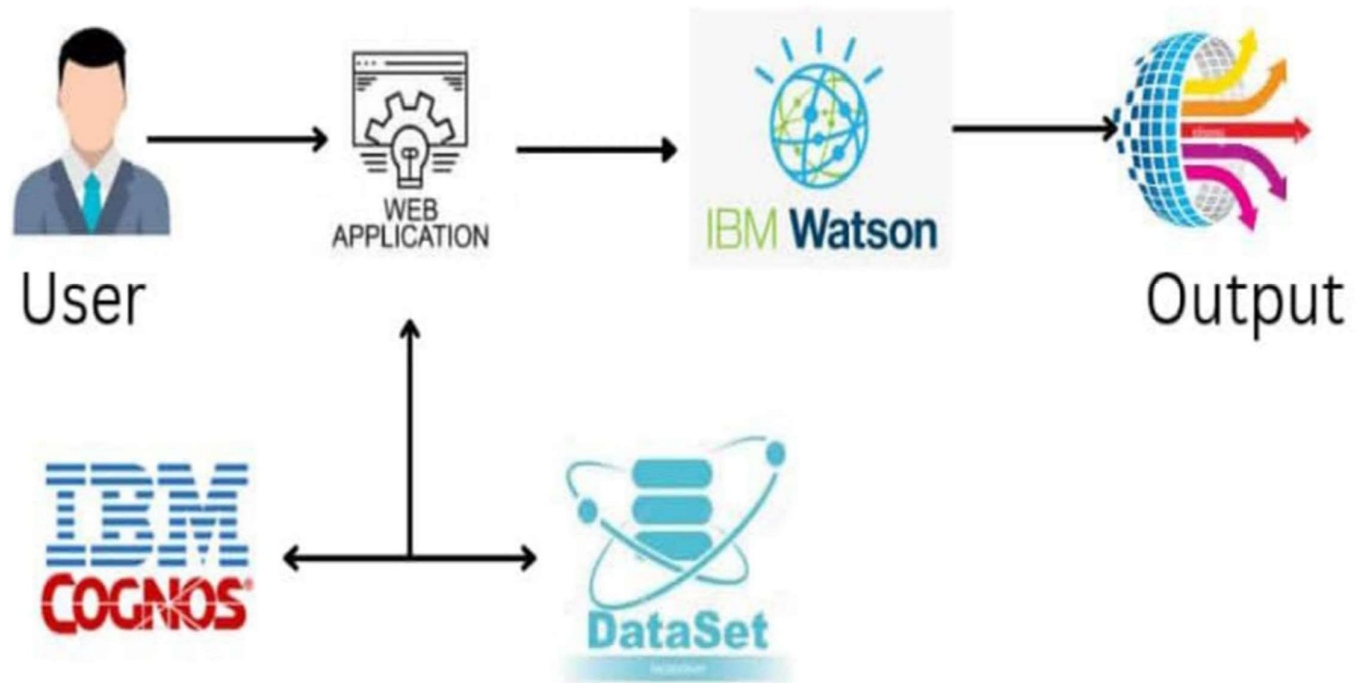
Data Flow Diagrams:

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.

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 files 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 Username, and password, and confirming my password.	I can access my account/dashboard	Medium	Sprint-4
		USN-2	As a user, I can register for the application through Form	I can register & access the dashboard with Login details	Medium	Sprint-4
	Login	USN-3	As a user, I can log into the application by entering my Username & password		Medium	Sprint-4
	Dashboard	USN-4	As a user, I can create the visualization by using the dashboard in the application		High	Sprint-3
Customer (Web user)	Login	USN-1	As a user, I can register for the application by entering my username, and password and confirming me password	I can access my account and dashboard	Medium	Sprint-4

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer	Calling	USN-2	It can be used by easy access and responsible.	I can access by easily through the application	Medium	Sprint-4
	Mail	USN-3	It can be used by easily accessing and responsible	I can access by easily through the application	Medium	Sprint-4