

## Project Design Phase-II

### Data Flow Diagram & User Stories

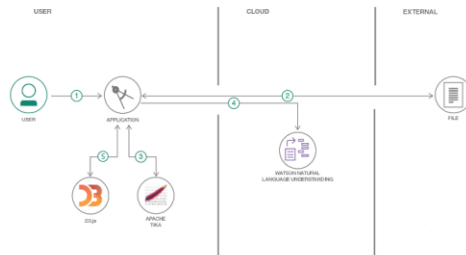
Date	03 October 2022
Team ID	PNT2022TMID27765
Project Name	Project – Global sales data analytics
Maximum Marks	4 Marks

#### 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.

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

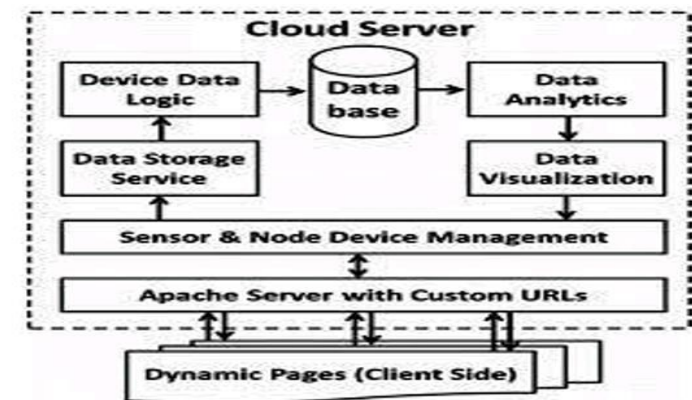
Flow



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)

Data flow diagram



## 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		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)	Sign up,sign in	USN-6	As a web user I can register the account through email,password etc	I can access my account in dasboard	low	Sprint-2
Customer Care Executive	Log in	US-7	As a customer care executive solves the customer facing issues	I hunt the various invoices if they want to credit an issued invoice.	high	Sprint 1
Administrator	Login	US-8	As a administrator it is important to make clear both for the development team and stake holder.	I can access the whole system feature and working of the organization	high	Sprint-1