

## Project Design Phase-II

### Data Flow Diagram & User Stories

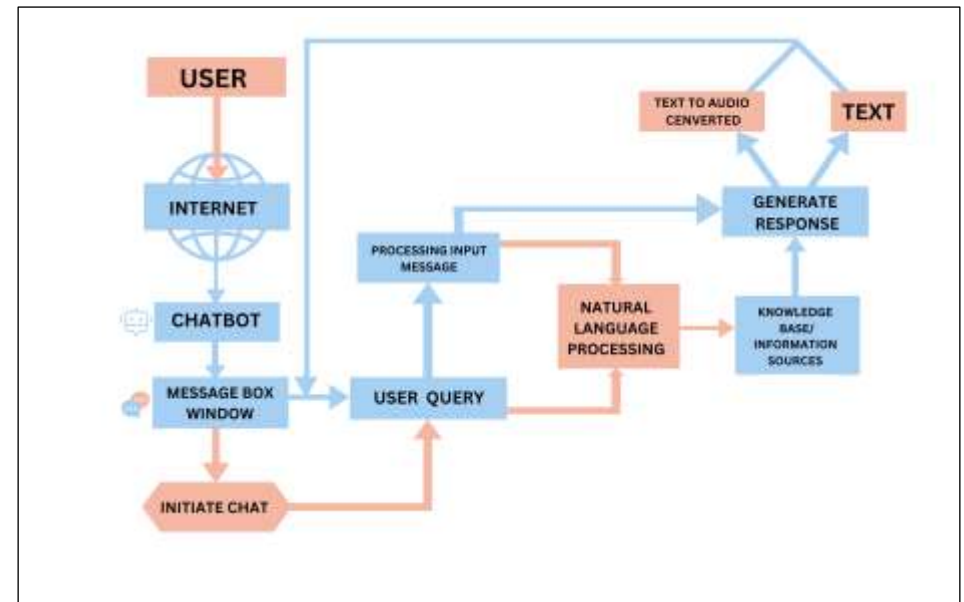
Date	03 October 2022
Team ID	PNT2022TMID 52869
Project Name	Project - AI based discourse for Banking Industry
Maximum Marks	4 Marks

#### Data Flow Diagrams:

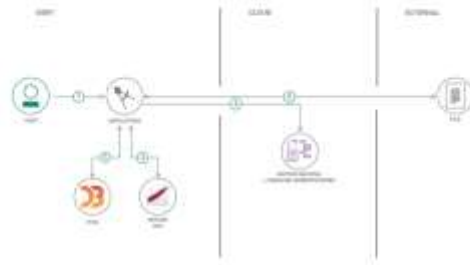
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

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

Example: DFD Level 0 (Industry Standard)



## 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.

## 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 (Web user)	Registration	USN-1	As a user, I will be able to register/sign in independently and gain access to the system and a confirmation of the same will be received in my email.	I can access my account. I can receive confirmation email & click confirm.	High	Sprint-1
	Login	USN-2	As a user, I can login to my account whenever needed.	I access to my account by authentically logging in.	High	Sprint-1
	Verification	USN-3	As a user, I will be verified by OTP during my login process.	The access to my account will be secured.	High	Sprint-1
	Accounts	USN-4	As a user, I can view my account details, view my transaction history, procedures for opening/closing account, online transactions, currency conversion, card replacement,	I can get complete guidance of my accounts and banking details and can submit my details if	High	Sprint-1&2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
			investment and deposit details, interest rates, taxes, cyber security, internet banking.	needed for further procedures,		
	Loans	USN-5	As a user, I can get guidance regarding applications and usage procedures of loans like Home Equity Loans, Auto Loans, Personal Loans.	I can clear my queries regarding loans.	Medium	Sprint 1 & 2
	General Queries	USN-6	As a user, I can clarify my general queries regarding deposits, accounts changing, internet banking, cards, transfers, retrieval of old details, guarantees and consultancy.	I can clear my queries regarding all the banking services provided by the bank.	Medium	Sprint-1
Administrator		USN 7	As an admin, I can modify, update about the new information to the chatbox	I can modify, update responses of the chatbot.	Medium	Sprint 1