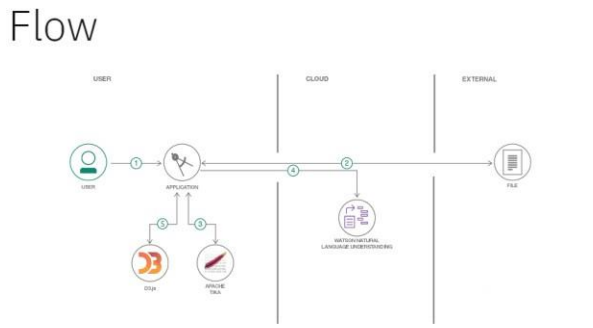
Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID10841
Project Name	Project – Data Flow Diagram
Maximum Marks	4 Marks

Data Flow Diagrams:

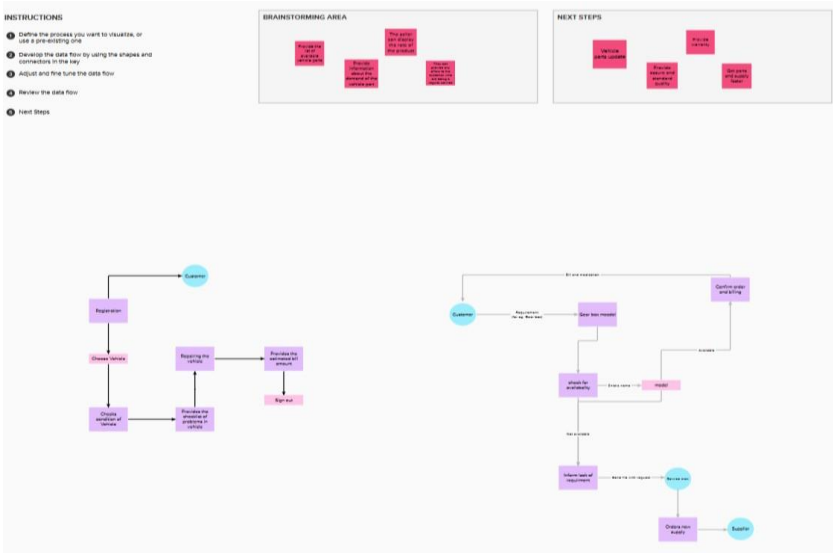
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: (Simplified)



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) 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
Farmer	Registration	USN-1	As a Farmer, I can register for the Model service by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a Farmer, I will receive confirmation email once I have registered for the service.	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a Farmer, I want to provide the model and provide the fault/problem		High	Sprint-2
Admin		USN-4	As a admin, I will check the availability of model.		High	Sprint-1
		USN-5	After checking , the model build by the Admin will be sent to the Farmer.		High	Sprint-1
		USN-6	After Receiving the model the farmer will be helpful with the prediction of rainfall so that he can protect his Agriculture field.		High	Sprint-1