Date	08 NOVEMBER 2022
Team ID	PNT2022TMID47758
Project Name	Project – Exploratory analysis of rain fall data in India for agriculture
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.
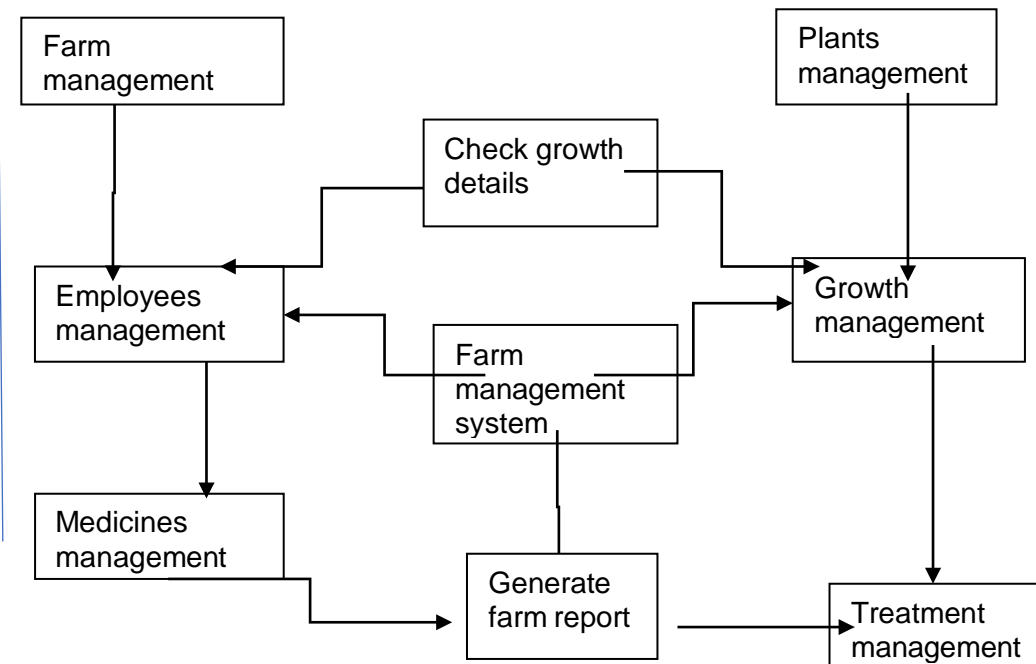
Flow

USER   CLOUD   EXTERNAL

USER   APPLICATION   FILE

DTIA   APACHE TIKA   WATSON NATURAL LANGUAGE UNDERSTANDING
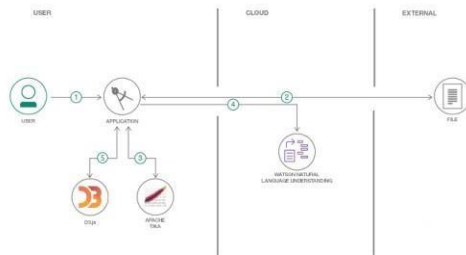
1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

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Example: DFD Level 0 (Industry Standard)

Farm management

Plants management

Check growth details

Employees management

Growth management

Farm management system

Medicines management

Generate farm report

Treatment management

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
Customer (email user)	Email	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
Customer (mobile user)	Face book	USN-3	As a user, I can register for the application through Face book	I can register & access the dashboard with Face book Login	Low	Sprint-2
Customer (Gmail user)	Gmail	USN-4	As a user, I can register for the application through Gmail	I can register & access the Gmail	Medium	Sprint-1
Customer (mobile user)	Login	USN-5	As a user, I can log into the application by entering email & password	I can register & access the Email and password	High	Sprint-1
Customer (profile)	Dashboard	USN-6	As a user ,I can login to the application by Profile and dashboard	I can login & access the dash Board with profile	High	Sprint-2
Customer (Web user)	Web	USN-7	As a user , I can receive the application by entering Web user	I can receive & access the web	Medium	Sprint-1
Customer Care Executive	Care executive	USN-8	As a user ,I can receive the application by care executive	I can receive & access the Care executive	High	Sprint-1
Administrator	Admission	USN-9	As a user , I can register for the application through The Administrator	I can register & access the admission	Low	Sprint-2