

Project Design Phase-II
Data Flow Diagram & User Stories

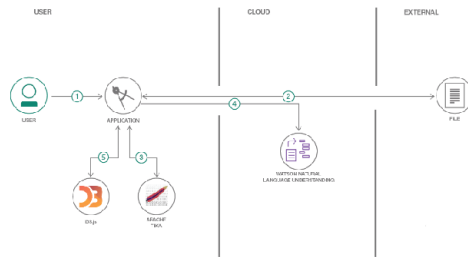
Date	03 October 2022
Team ID	PNT2022TMID41544
Project Name	IoT Based Crop Protection System for Agriculture
Maximum Marks	4 Marks

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.

Example:

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 (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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
		USN-4	As a user, I can register for the application through Gmail	I can increase or decrease weather	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can access my weather status ahead in my field	High	Sprint-1
	Dashboard	USN-6	As a user, I can log into the open weather map by entering email & password	I can access the application through my Gmail login	High	Spint-2
Customer (Web user)	Interface	USN-7	As a user the interface should be simple and easily accessible	I can access the interface easily	Hlgh	Spint-1
Customer Care Executive	Data generation	USN-8	As a user open weather application to access the data regarding the weather changes	I can access the data regarding the weather through the application	High	Spint-1
Administrator	Problem Solving/ Fault clearance	USN-9	As an official who is in charge for the proper fumnctioning of the sign boards have to maintain it through periodic monitoring.	Officials can monitor the sign boards for proper functioning	Medium	Spint-2