

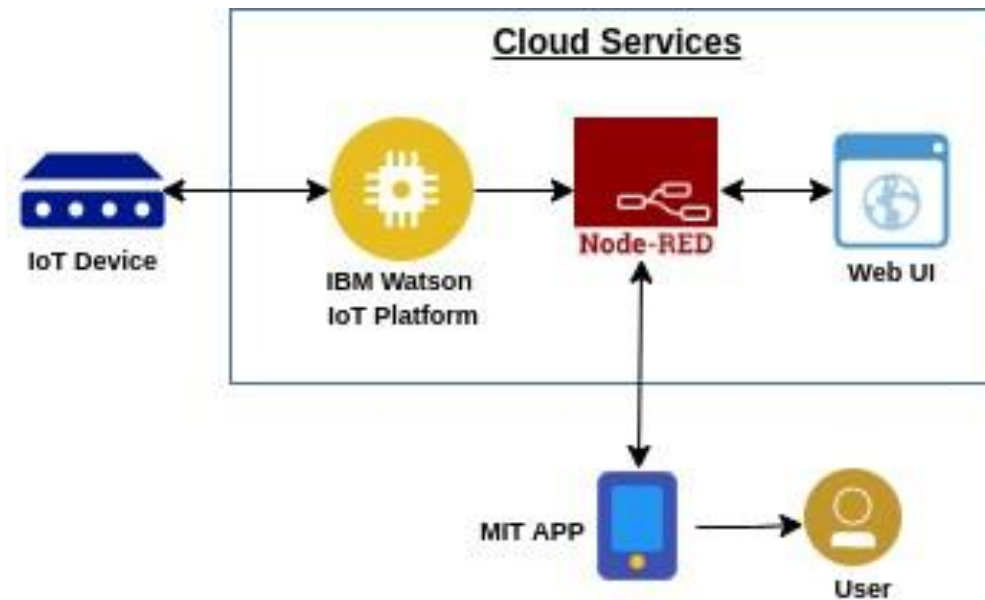
Project Design Phase-II

Data Flow Diagram & User Stories

Date	22 October 2022
Team ID	PNT2022TMID04755
Project Name	Project – SmartFarmer - IOT Enabled Smart Farming Application
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.



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Farmer)	Monitoring the sensors	USN-1	As a user, I want to know about the data's collected by the sensors.	I know the better knowledge about my field	High	Sprint-1
	Motor control	USN-2	As a user, I want to turn on/off my motor when I am not in my land.	By controlling my motor, I can access from any place.	High	Sprint-1
	Moisture Level	USN-3	As a user, I want to know the moisture level in my land	I can take decision whether to water the field based on the moisture level detection.	High	Sprint-2
Houseplant	API call for permission	USN-4	As a user, I can give permission for the activation of the automated irrigation system.	Controlling automated irrigation system	High	Sprint - 1
Customer (Farming Companies)	Monitoring large lands	USN-5	As a user, I need to monitor my large land with live at all	I can monitor my large land even I not near to my field	High	Sprint -1