Project Design Phase-II Data Flow Diagram & User Stories

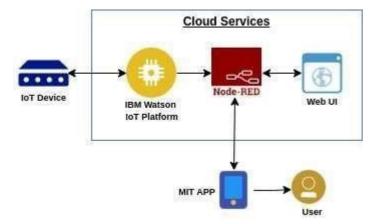
Date	10 October 2022	
Team ID	PNT2022TMID18038	
Project Name	Project – Smart farmer-IoT enabled smart	
	farming application.	
Maximum Marks	4 Marks	

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.

Example: DFD Level 0

Example: (Simplified)



START

CREATING IBM CLOUD AND
INSTALLING THE IOT PLATFORM IN
THE CLOUD

CREATING DEVICE AND API KEY

SETTING IOT SENSOR SIMULATOR

CREATING THE NODE-RED FLOW FOR READING AND TO DISPLAY THE SIMULATED VALUE

THE WEATHER API DATA

CREATING A PYTHON CODE TO READ THE DATA FROM CLOUD

STOP

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	Code	USN-1	Python Code		High	Sprint-1
Customer	Software	USN-2	IBM Watson IoT platform, Workflows for IoT scenarios using Node-red		High	Sprint-2
Customer	MIT app	USN-3	To develop an application using MIT		High	Sprint-3
Customer	Web UI	USN-4	To make the user to interact with the software.	User can access the app for the services.	High	Sprint-4