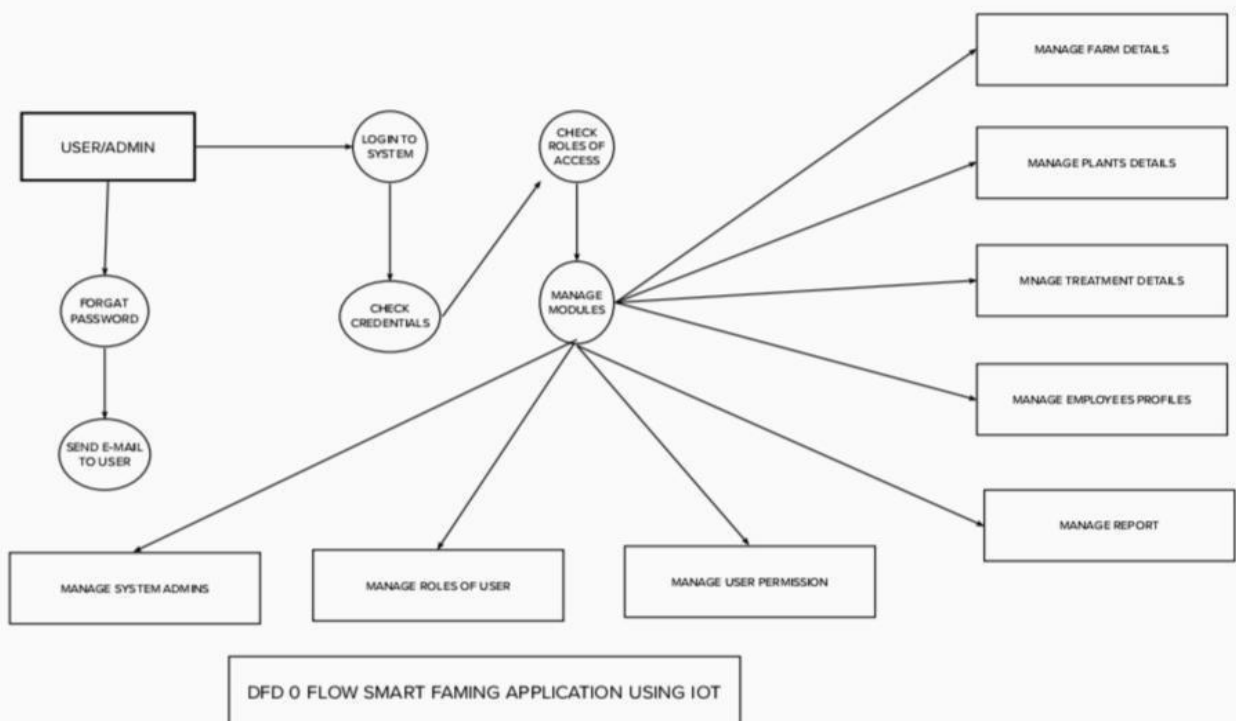
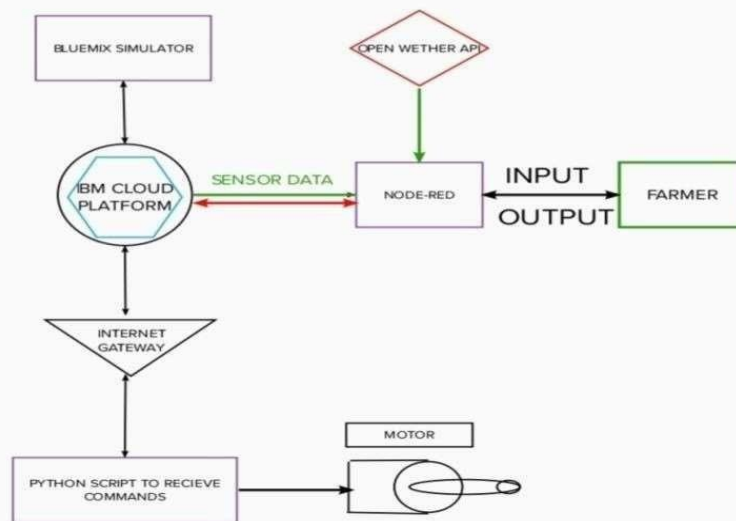


Project Design Phase - II Data Flow Diagram & User Stories

Date	14 October 2022
Team ID	PNT2022TMID04463
Project Name	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.



- This Project mainly aims to help the farmers to ease their work.
- Farmer can get real-time weather conditions by using smart agriculture.
- Instead of physical devices we create devices in the IBM IoT platform and use them in our project.
- We connect our device to the IBM node in the NodeRed framework.
- We need to create a Weather API account to configure the weather API Platform.
- We then Configure our Node-red to get the weather forecasting data using HTTP requests.

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
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard					
Customer (Web user)						
Customer Care Executive						
Administrator						