

Project Design Phase-II

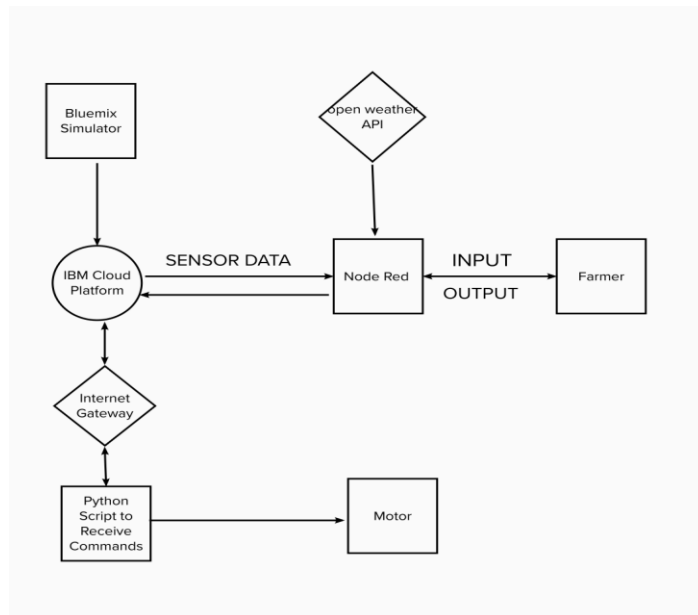
Data Flow Diagram & User Stories

Team ID	PNT2022TMID07443
Project Name	SmartFarmer-IoT Based Farming Application
Maximum Marks	4 Marks

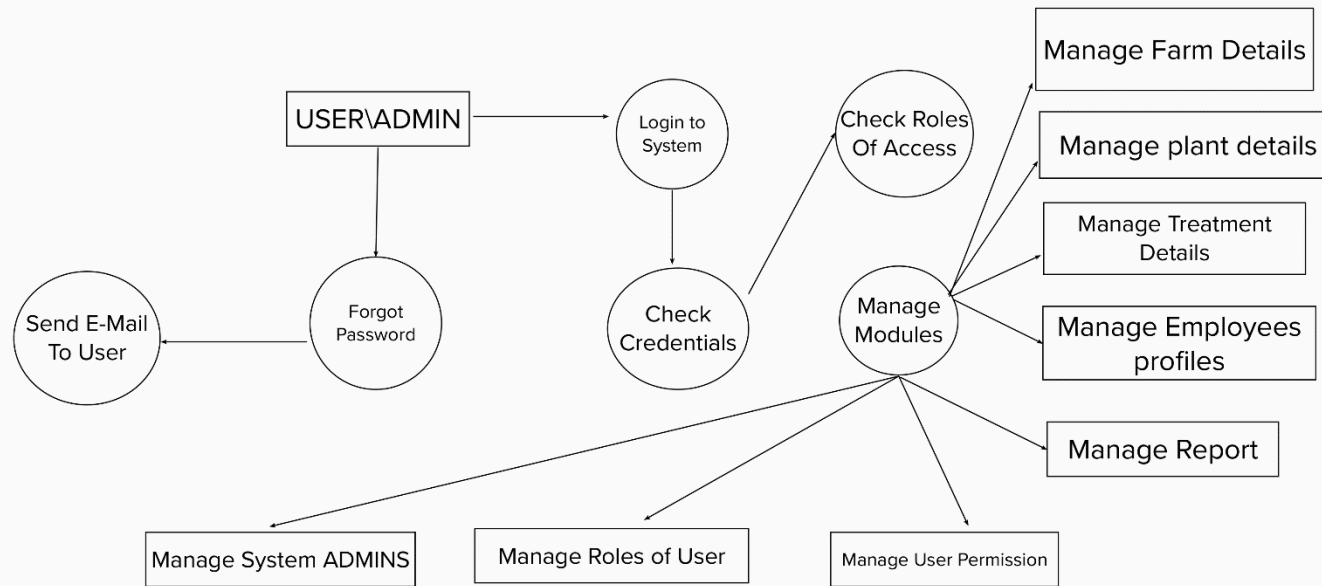
Data Flow Diagrams:

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.

DATA FLOW:



DFD Level 0 (Industry Standard):-



DFD 0 FLOW SMART FARMING APPLICATION USING IOT

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
Customer (Web user)	Dashboard	USN-6	As a user, I can register by entering my email, password, and confirming my password	I can access my account / dashboard	High	Sprint-2
		USN-7	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-2
		USN-8	As a user, I can register for the application through Gmail	I can receive confirmation email & click confirm to login	Medium	Sprint-2
	Login	USN-9	As a user, I can log into the application by entering email & password		High	Sprint-2
		USN-10	If I forgot my password or username, I can reset it again through my email	I can receive reset Mail to the registered Email Id	High	Sprint-3
Customer Care Executive		USN-11	If I have any doubt in using application or web, I can clarify it by clicking Help option in the dashboard.	I can get proper guidance from the supportive team	High	Sprint-3
Administrator		USN-12	I Can give my feedback about the application and I can post my queries.	I can receive acknowledgement	Low	Sprint-4