

PROJECT DESIGN PHASE II

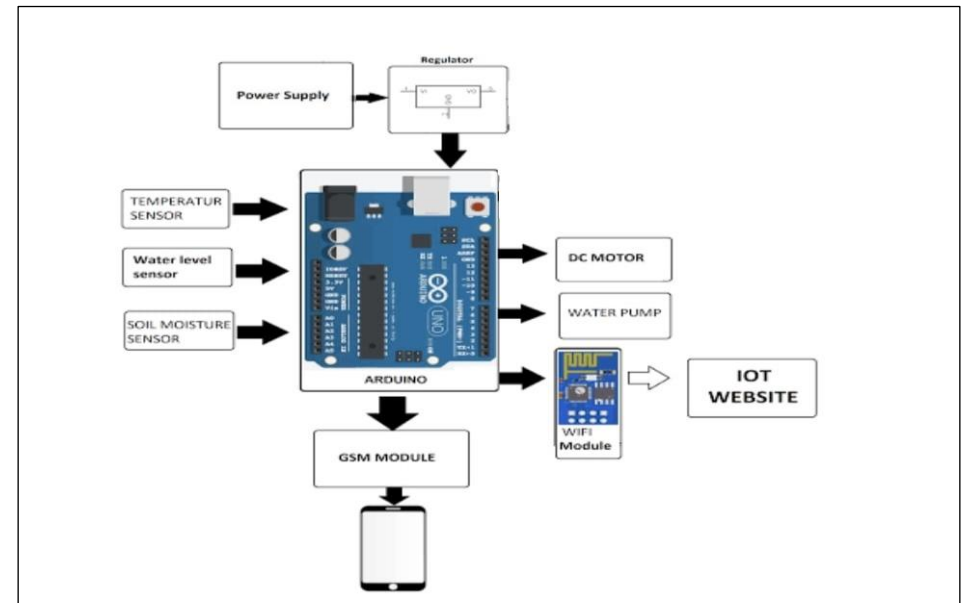
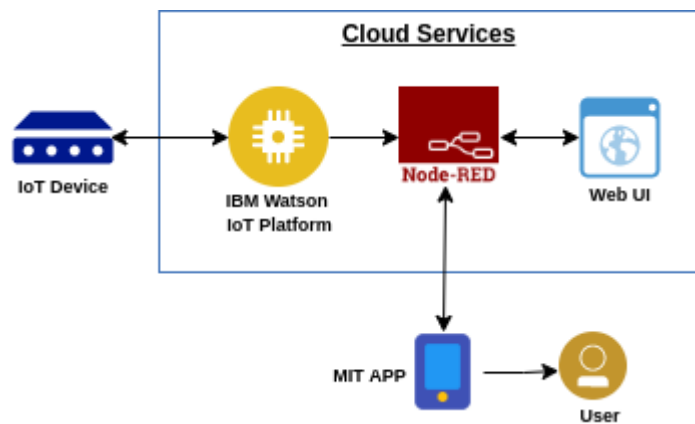
Data Flow Diagram & User Stories

Date	12 November 2022
Team ID	PNT2022TMID29937
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:



- The Arduino UNO is a processing unit to process the data from the sensors.
- By using the various sensors the soil, temperature, moisture content and humidity parameters are measured.
- As a result of these,the information from the sensors and other equipments are stored in IBM cloud

User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	Agriculturist can register the application through Gmail. While registering through Gmail, by entering the password.	I can access my account / dashboard	High	Sprint-1
		USN-2	Agriculturist will receive confirmation email once they have registered for the application.	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	User can also 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						

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