

## Project Design Phase-II

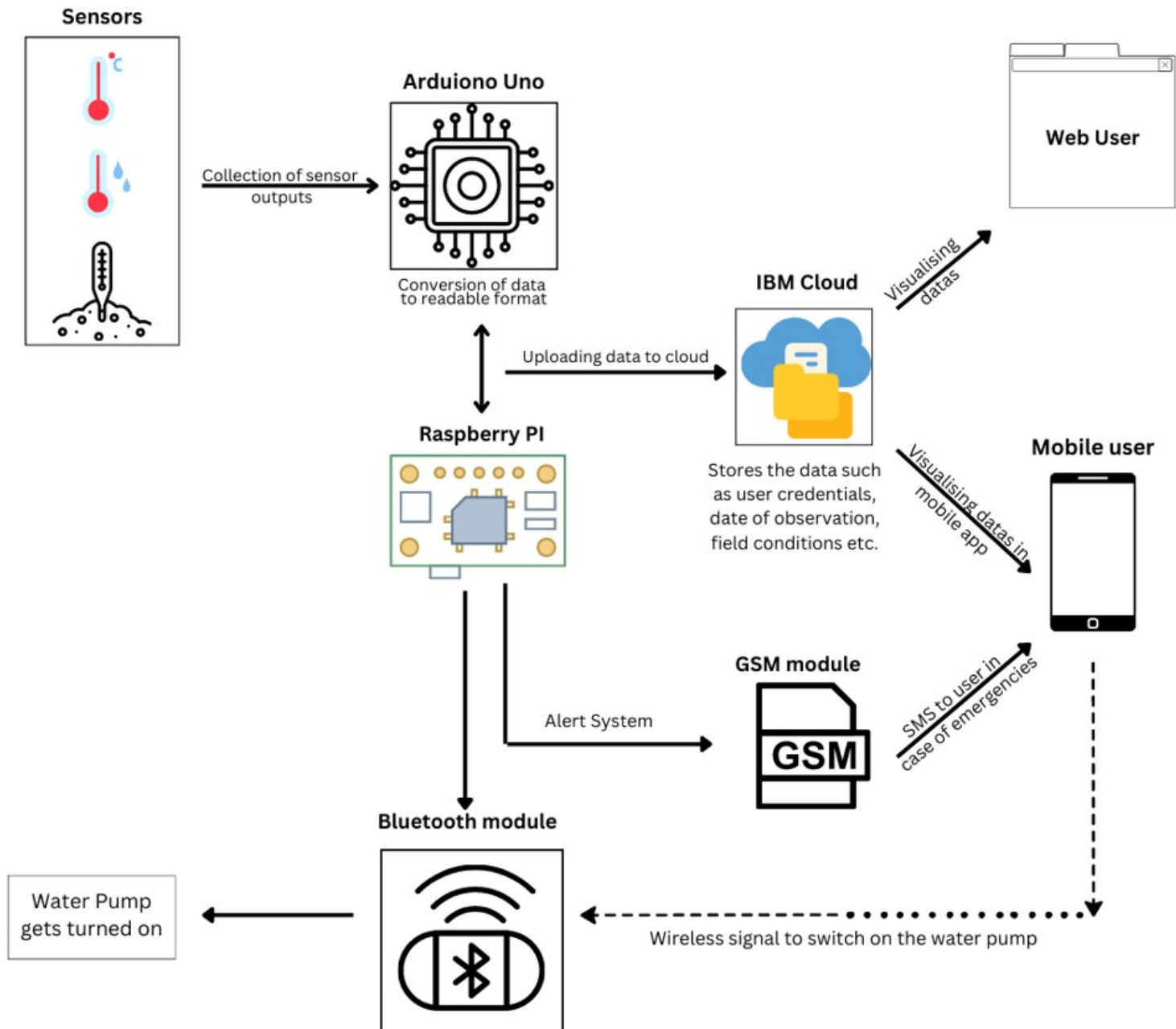
### Data Flow Diagram & User Stories

Date	03October 2022
Team ID	PNT2022TMID27964
Project Name	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.

## DATA FLOW DIAGARAM :



## 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 – Web User)	Registration	USN-1	As a user, I should register for the application by entering my email, password, and confirming my password.	Successful Registration	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	Successful verification	High	Sprint-1
		USN-3	As a user, I can register for the application through Gmail or Facebook.	Successful account registration using Gmail and facebook	Low	Sprint-2
	Login	USN-4	As a user, I should log into the application by entering email & password	Successful Login with correct credentials	High	Sprint-1
	Dashboard	USN-5	As a user i should be able to view the entities displayed and take voluntary action.	To be able to view the following entities- <ul style="list-style-type: none"> <li>• Optimum temperature</li> <li>• Humidity of air</li> <li>• Soil moisture</li> <li>• Date of observation</li> <li>• History of data's.</li> </ul>	High	Sprint-1
Customer Care Executive	Verification and Maintainence	USN-1	As a user, I should make sure all the details and procedures are correctly explained and the queries are noted	Customer Satisfaction	High	Sprint-1
Administrator	Overall Well being And manipulation of data	USN-1	As a user, I should be able to make sure all the services are done properly and should be able to manipulate data in case of errors and advancements.	Customer and Employee satisfaction.	High	Sprint-1