Project Design Phase-II
Data Flow Diagram & User Stories

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Team ID	PNT2022TMID30663
Project Name	Project – Smart Farming -IOT Enabled Smart Farming Application
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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: (Simplified)
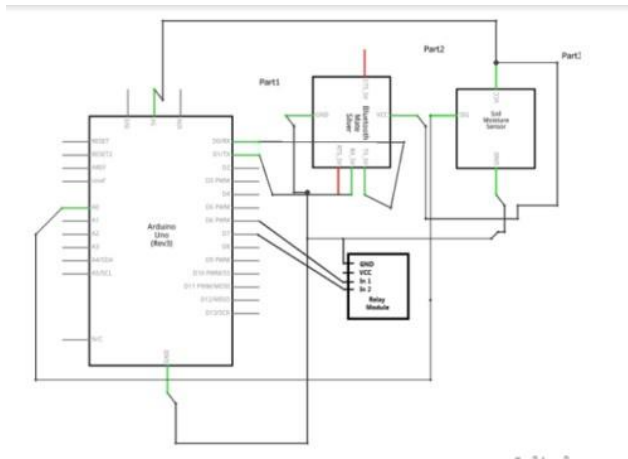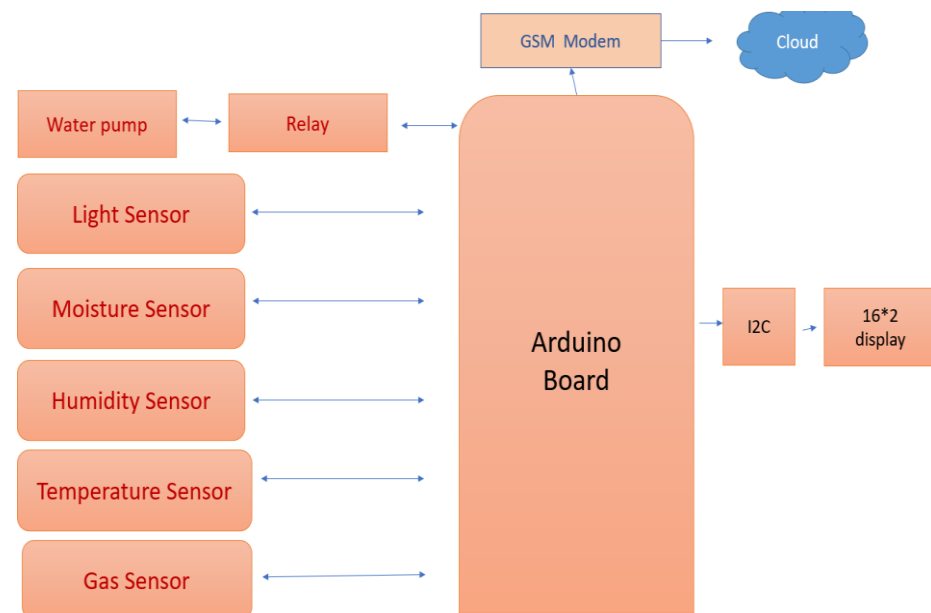
User Stories

Here is the list of all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
User(Farmer)	Installation	USN-1	As a user, the farmer is asked to install an Arduino Board which is then connected to the mobile phone.	The Farmer must install anArduino board.	High	Sprint-1
		USN-2	As a user, the farmer can view the activities carried out in the farming land.	The Sensors and Arduino board must be connected to the mobile phone.	High	Sprint-1
	Sensor instalment	USN-3	The farming land contains sensors to detect soil Humidity, Temperature, Moisture, Gas, Light and Water level.	The Farmer can monitor the land from mobilephone using those sensors.	Low	Sprint-2
		USN-4	As a user, the farmer can view all the details from a mobile phone using those, Sensors.		Medium	Sprint-1
	GSM Modem instalment	USN-5	As a user, the farmer will get notification on climatic changes using GSM Modem.		High	Sprint-1