

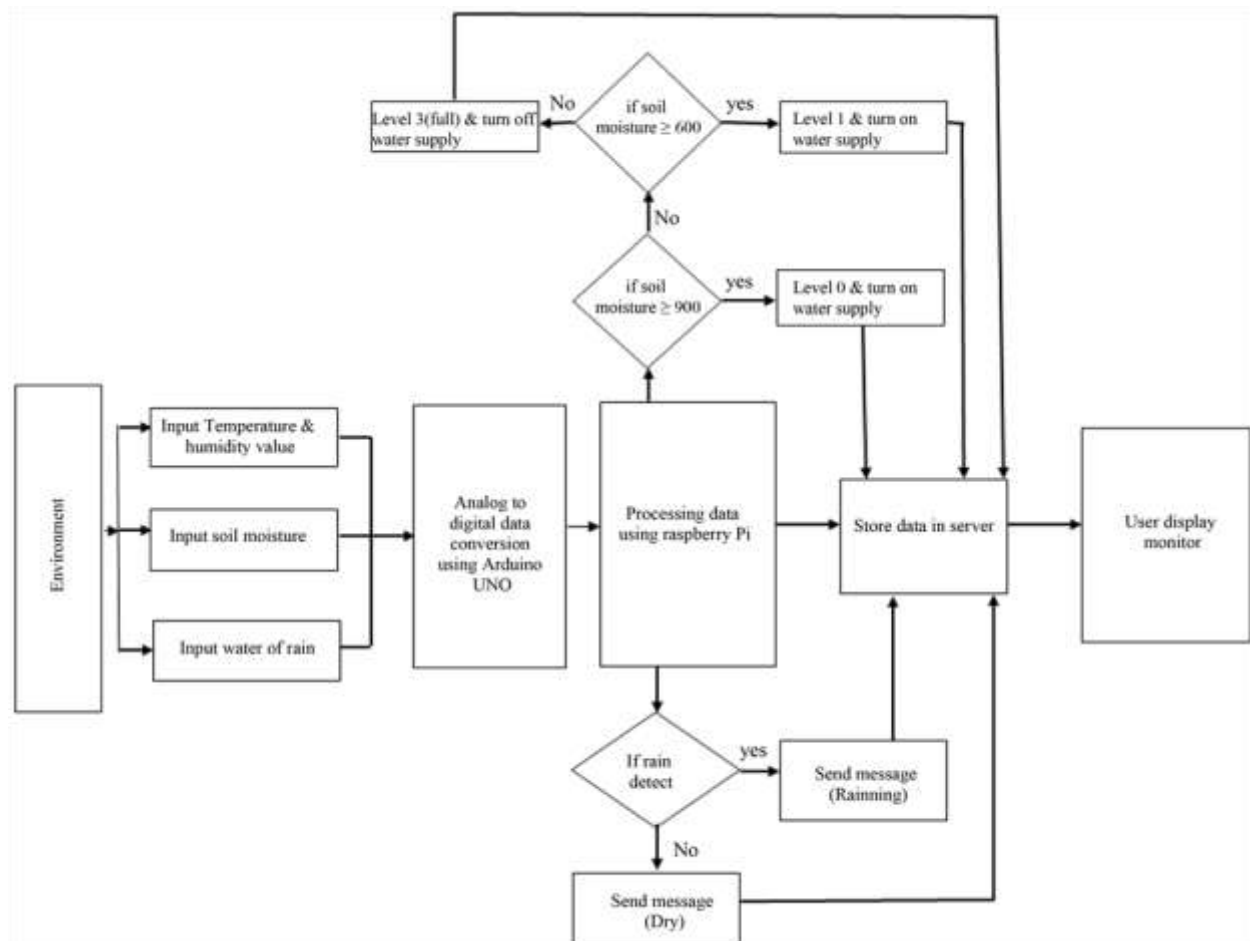
PROJECT DESIGN PHASE-II

DATA FLOW DIAGRAM AND USER STORIES

DATE	4 November 2022
TEAM ID	PNT2022TMID44196
PROJECT NAME	IOT based smart crop protection
MAXIMUM MARKS	4 marks

DATA FLOW DIAGRAM:

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.



USER STORIES:

USER TYPE	FUNCTIONAL REQUIREMENT(EPIC)	USER STORY NUMBER	USER STORY / TASK	ACCEPTANCE CRITERIA	PRIORITY	RELEASE
Customer	Registration	USN-1	As a user, I can register for the application by entering my email ,password ,and conforming my password.	I can access my account/ dashboard.	High	Sprint-1
Customer	Registration	USN-2	As a user ,I will receive confirmation message once I have registered for the application.	I can receive conformation message and clock confirm	High	Sprint-1
Administrator	Login page	USN-3	As a user entering the username and password which is already existing.	Redirecting to user account.	Medium	Sprint-1
Weather station	Forecasting the weather	USN-4	As a user ,we can monitor the weather fundamentals like(humidity ,temperature)	Notified about weather conditions.	High	Sprint-1
Controlling the motor pump	Controlling	USN-5	It is used to control motors and field sprinklers.	Switching on and off the motor pump manually via mobile application.	High	Sprint-2
Fencing	Detecting the motion in certain range	USN-6	Fencing system are helpful in providing security against unauthorized access of human and animal.	I can receive notification ;prevention has been taken.	High	Sprint-3
Warehouse management	Collecting data base of crops	USN-7	Here former need to update	Generate the popup message	High	Sprint-4

			about expire data of fertilizer and seeds.	about expire data and stocks and offers.		
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