Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID23457
Project Name	IoT Based Smart Crop Protection System for Agriculture
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.
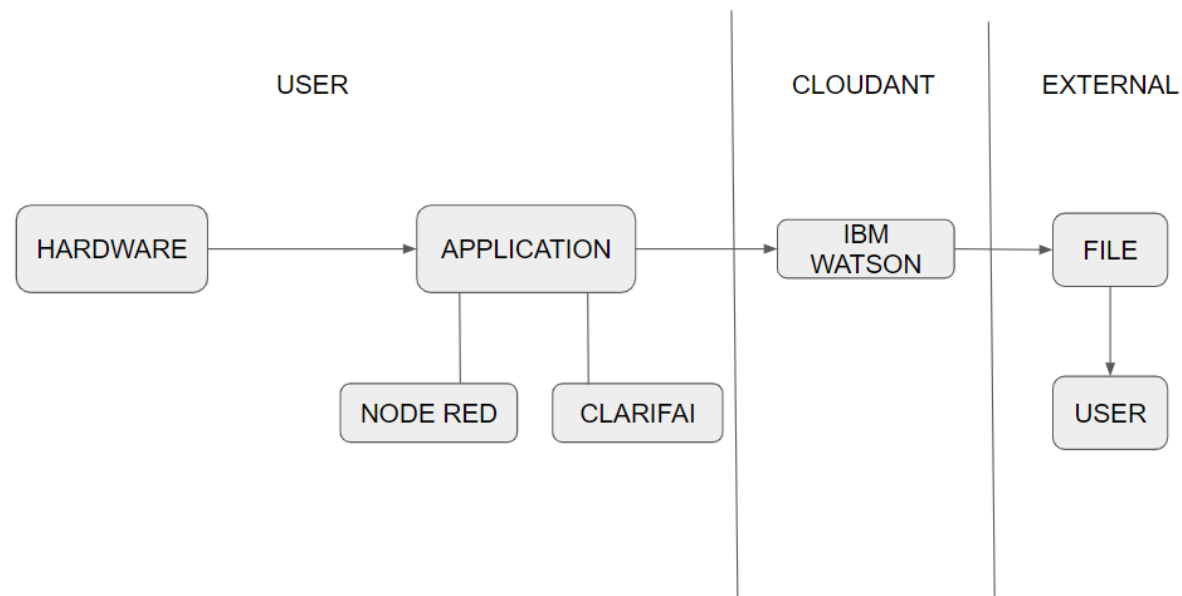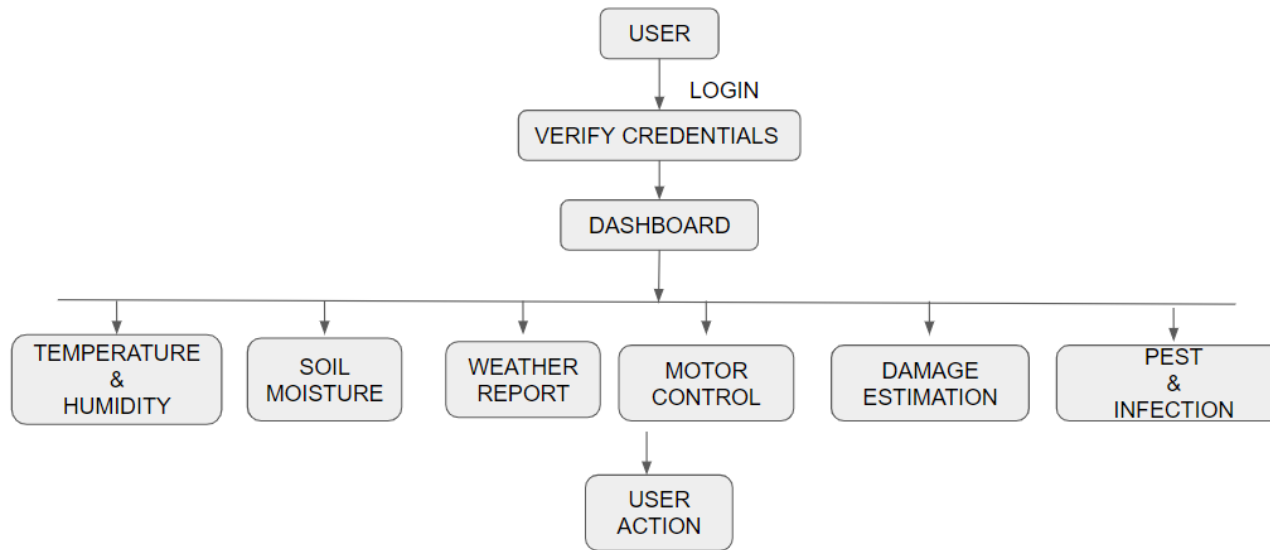
User Stories

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
	Login	USN-3	As a user, I can register for the application through Email and password	I can login to my account	High	Sprint-1
	Dashboard	USN-4	As a user, I can view the current temperature and humidity information	I can view the values from sensor	High	Sprint-1
		USN-5	As a user, I can view the current moisture level	I can view the values from sensor	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
		USN-6	As a user, I can view the weather information	I can view the values from sensor	High	Sprint-1
		USN-7	As a user, I can control the motor pump	Turn on or Turn off the motor and sprinklers	High	Sprint-2
		USN-8	As a user, I can view the health condition of the crops	Pest and infection	High	Sprint-2
		USN-9	As a user, I can view the damage estimation	Profit and Loss	High	Sprint-2
Customer (Web user)	Usage	USN-1	As a user, I can access the web page and view information	I can view the values	High	Sprint-3
Customer Care Executive	Action	USN-1	As a user, I can rectify the problems	Solving issues	High	Sprint-4
Administrator	Administration	USN-1	As a User, I can store, recovery, update and delete data	Admin actions	High	Sprint-4