Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID27900
Project Name	Project - 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 (Farmer)	Registration	USN-1	As a user, I can register through mobile phone, social media.	I can access my account.	High	Sprint-1
Customer	Confirmation	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
Administrator	Login	USN-3	As a user, I can log into the application order to monitor the sensors		Low	Sprint-1
Temperature Sensing	Dashboard	USN-4	Detects the temperature which is stored in database.	Temperature data is stored	Medium	Sprint-1
Motor pump	Controlling motor pump	USN-5	It is used to control the pump and sprinklers	Switching on and off using the mobile app.	High	Sprint-2
Animal detection	Dashboard	USN-6	Here if an animal is detected buzzer will turn on and notification is sent.	I will receive a notification	High	Sprint-2
Warehouse Management	Collecting the database of crops	USN-7	Here farmer needs to update the data.	Data is stored.	Low	Sprint-3

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer(Web User)	Usage	USN-8	User can view the webpage and get information.	I can view the webpage in the available devices.	High	Sprint-3
Customer care executive	Action	USN-9	User can solve the problem when some faces any usage issues.	I can solve the issue with the help of customer care	High	Sprint-4
Administrator	Administration	USN-10	Used to store any information	I can store the gained information	High	Sprint-4