Project Design Phase-II
Data Flow Diagram &User Stories

Date	03October 2022
Team ID	PNT2022TMID32605
Project Name	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.
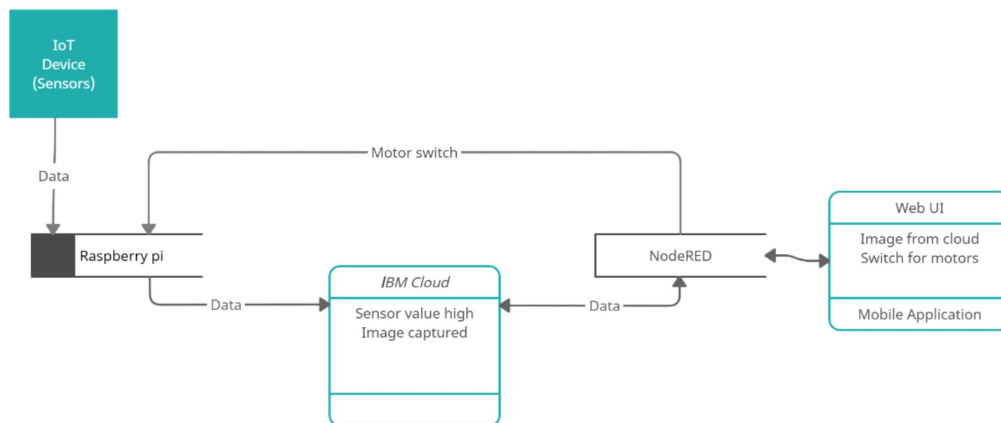
User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Farmer	Registration and setup	USN1	As a user - farmer, I can register for the system by setting up the sensors	-	High	Sprint-1
Farmer	Get notify	USN2	When an animal is detected I need to receive notification with Image captured	I can view the data in the web	High	Sprint-1
Farmer	On/off Motor	USN3	I can remotely turn on and off the water motor	UI for turning the water motor	Medium	Sprint-2
Farmer	On/off Light	USN4	I can remotely turn on and off the lights	UI for turning the Light	Medium	Sprint-2
Farmer	Temperature and Humidity	USN5	I need to view the current temperature and the humidity of the agriculture land	Web UI for viewing the data	Low	Sprint-2