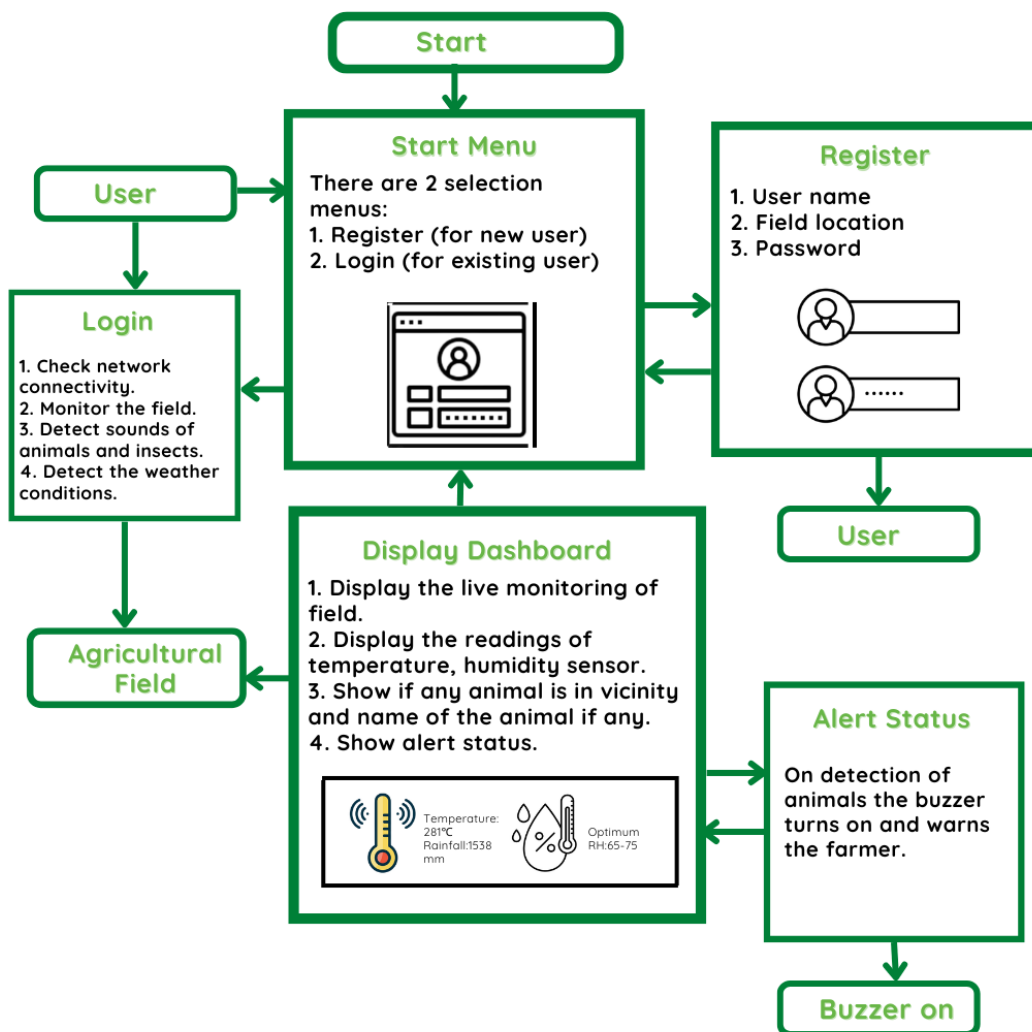


Project Design Phase-II Data Flow Diagram & User Stories

Date	14 October 2022
Team ID	PNT2022TMID23566
Project Name	Project – IoT based Smart Crop Protection System for Agriculture
Maximum Marks	4 Marks

DATA FLOW DIAGRAM:



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a new user, I can register for the application by entering my email, password, and my land location.	I can access my account	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	Medium	Sprint-1
	Login	USN-3	As an existing user, I can login directly using my login credentials.	I can access my account / dashboard	High	Sprint-1
		USN-3	As a user, I can also register using Gmail	I can access my account / dashboard	Medium	Sprint-1
	Dashboard	USN-4	As a user, I can see the live monitoring of my field.	View the live monitoring	Medium	Sprint-2
		USN-5	As a user, I can see the necessary parameters being detected.	Check the parameters being detected	Medium	Sprint-2
		USN-6	As a user, I can check if any animals have intruded/intruding the field.	Check the alert status	Medium	Sprint-2
		USN-7	As a user, I can check if the crops are protected properly and are free from pests and diseases.	Check the alert status	Medium	Sprint-2
		USN-8	As a user, I can hear the buzzer and see the alert notification during intrusion of animals.	Check the alert status	High	Sprint-2
Customer (Web user)	Registration	USN-1	As a new user, I can register for the application by entering my email, password, and my land location.	I can access my account	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the	I can receive confirmation email & click confirm	Medium	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
			application			
	Login	USN-3	As an existing user,I can login directly using my login credentials.	I can access my account / dashboard	High	Sprint-1
	Dashboard	USN-4	As an user,I can check the monitoring and alert status of field.	Displaying readings	Medium	Sprint-2
Administrator	Maintenance	USN-1	Security maintenance and checking performance	Evaluation is done	High	Sprint-3
		USN-2	Upto date on applications' regulations & policies	Keeping applications compliant	Medium	Sprint-3