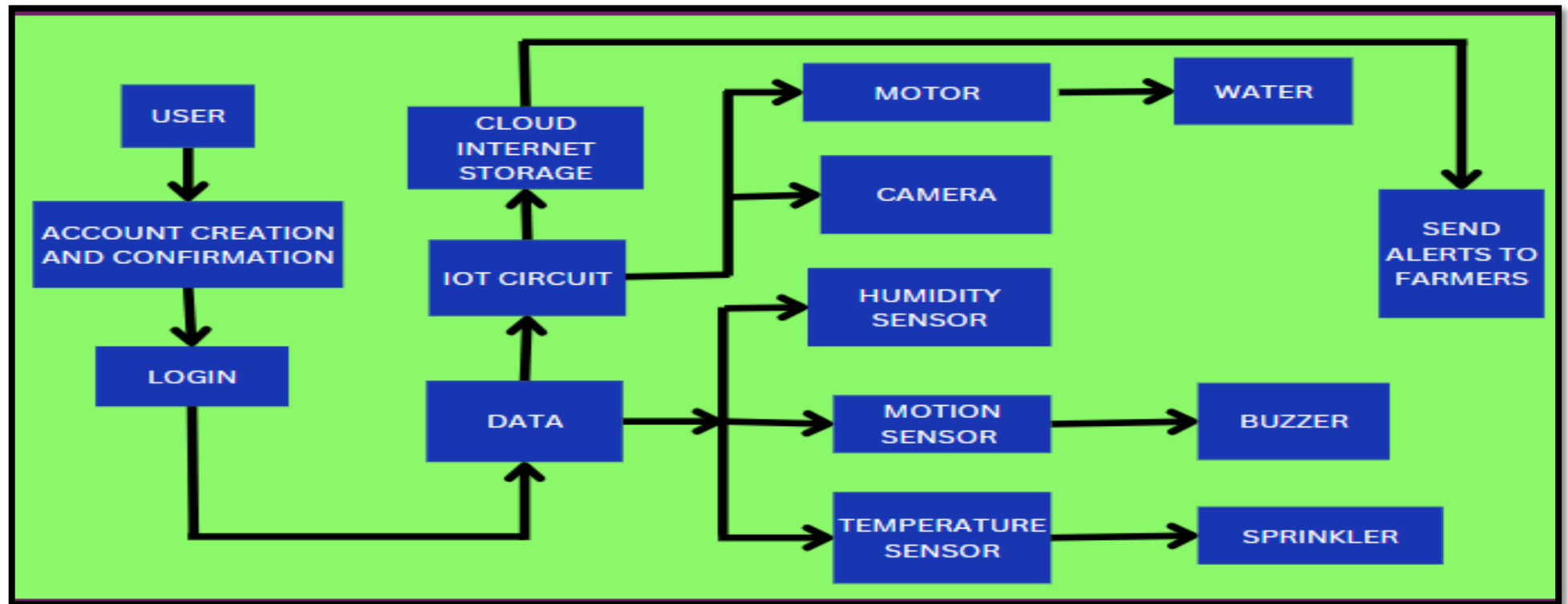


Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID54441
Project Name	IoT based smart crop protection system for agriculture
Maximum Marks	4 Marks

Data Flow Diagrams:



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
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 register for the application through Facebook.	I can register & access the dashboard with Facebook Login.	Low	Sprint-1
Temperature Sensing	Dashboard	USN-4	Detects the temperature which is stored in the 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
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