Project Design Phase-II
Data Flow Diagram &User Stories

Date	03 October 2022
Team ID	PNT2022TMID23926
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.
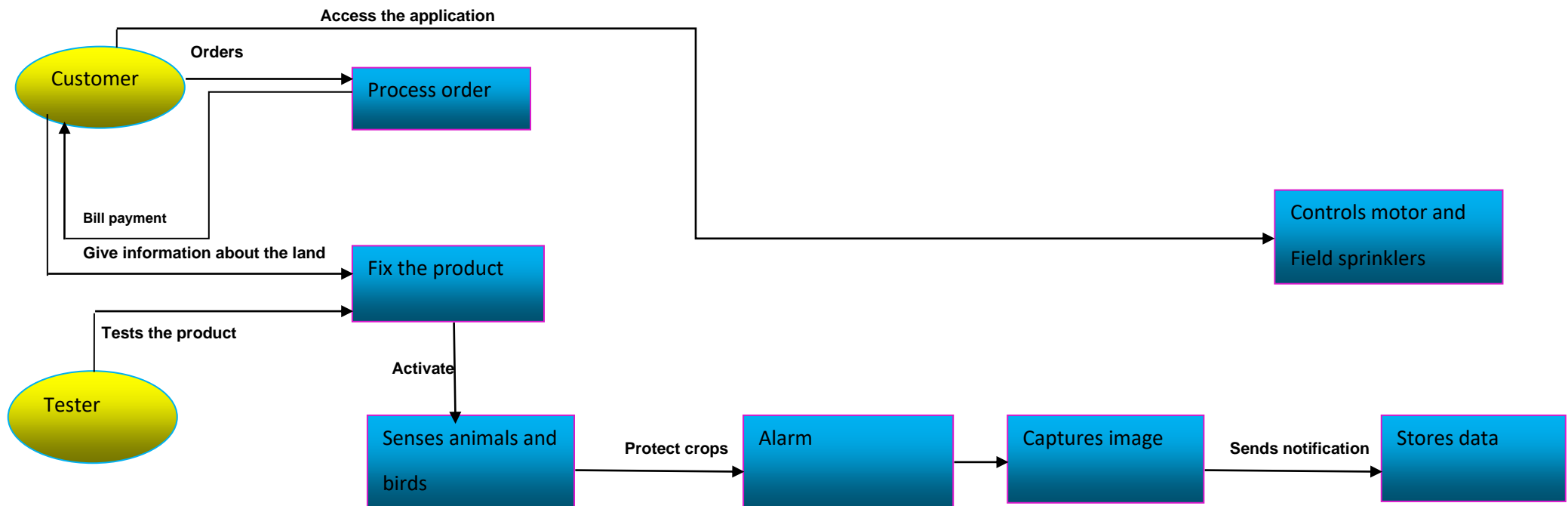
User Stories

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 (Mobile User)	Registration	USN-1	As the user, he/she can register for the application by installing the application, signing up with the Google account or Gmail, then enter the password, conform the password, create profile, read Carefully, understand the guidelines clearly.	can access my account / dashboard	High	Sprint-1
Customer	Confirmation	USN-2	As a user, he/she will receive confirmation message via Email once they have registered for the application.	can receive confirmation email & click confirm	High	Sprint-1
Customer	Login	USN-3	As a user, if possible he/she can register for the application through Facebook.	can register & access the dashboard with Facebook Login	Low	Sprint-1
Administrator	Login page	USN-4	As a user name and password which is already existing.	Redirecting to user account	High	Sprint-1
Controlling the water pump	Controlling	USN-5	It used to control and field sprinklers	Switching on and off the motor pump manually via mobile application	High	Sprint-2
Customer (Web User)	Usage	USN-1	As user, he/she can access the website and obtain the information.	Can see the information that is provided by the device	High	Sprint-2
	Working	USN-2	As user, he/she will receive an alert notification given by the device and can access the application for motor control, field sprinklers.	Can access the application whenever needed	High	Sprint-2

Customer Care Executive	Action	USN-1	As user when any issues arisen by the customer can resolve the problem.	Can solve the issues arisen by the provided application and device	High	Sprint-3
Administrator	Administration	USN-1	User stores every information needed to develop the administration.	Can store the gained information	High	Sprint-4