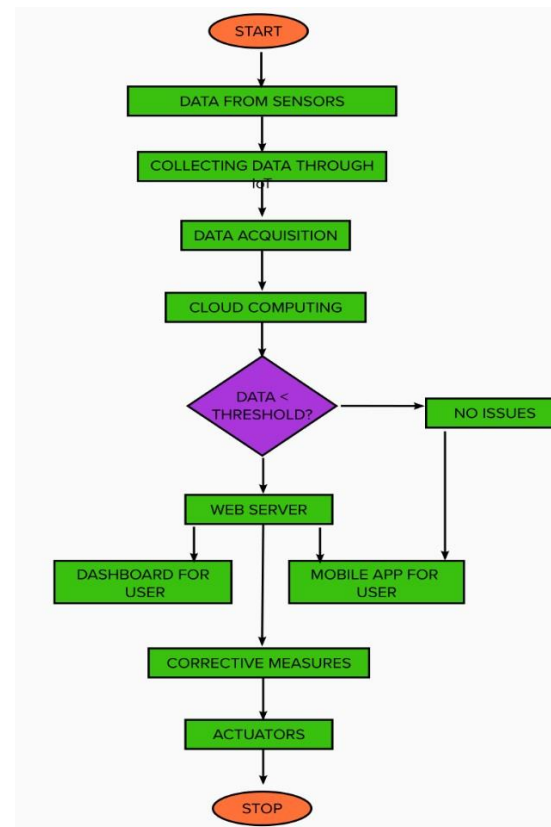


Project Design Phase-II Data Flow Diagram & User Stories

Date	08 NOVEMBER 2022
Team ID	PNT2022TMID29726
Project Name	Project – 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
Designer	Simulation	USN-1	As a user I can first simulate the hardware using some software with python code	I can make this through online simulators like tinkercad or wokwi	High	Sprint-1
Designer	Software	USN-2	To make use of the hardware through cloud I have to create software	Create device in the IoT Watson platform,workflow for IoT scenarios using local node red	High	Sprint-2
Customer (Mobile user)	Registration	USN-3	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-3
		USN-4	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-3
		USN-5	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-3
		USN-6	As a user, I can register for the application through Gmail	I can access my account /dashboard	Medium	Sprint-3
	Login	USN-7	As a user, I can log into the application by entering email & password	I can access my account /dashboard	High	Sprint-3
	Dashboard	USN-8	As a user I can directing to the dashboard where I can upload info about crops	I can able to get information about damages to crops	High	Sprint-3
Customer (Web user)	Registration	USN-9	As a user I can easily get information about the damages caused, actions taken, recommendations for improvement	I can receive confirmation email and click confirm (make the user interact with the software)	High	Sprint-4
Customer Care Executive	Dashboard	USN-10	As a user I can get a customer toll free number in dashboard for my issues	I may able to clarify mu doubts	High	Sprint-4
Administrator	Dashboard	USN-11	As a user I can able to contact administrators through feedback options	I am able to provide suggestions	High	Sprint-4