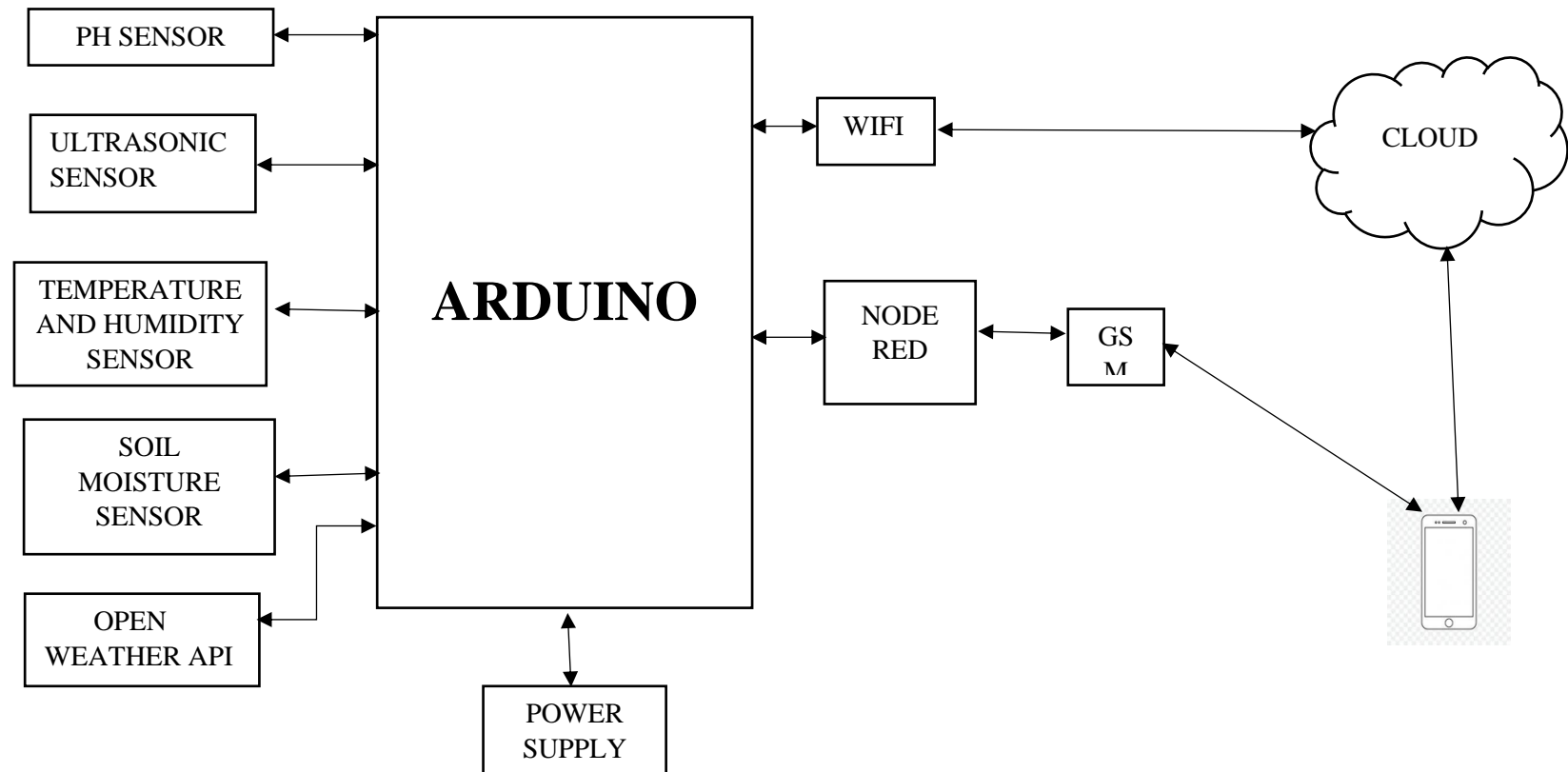


Project Design Phase-II
Data Flow Diagram & User Stories

Data Flow Diagram of Smart Farming – IOT Enabled Smart Farming Application



USER STORIES:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Farmers	Registration	US1	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
		US2	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
		US3	As a user, I can register for the application through Gmail	I can access my account through email	Medium	Sprint-1
Farmers	Login	US4	As a user, I can log into the application by entering email & password		High	Sprint-1
Farmers	Model setup	US5	As a user, I can setup the model in the field with help of guide	I can setup the model through the guide assistance	High	Sprint-2
		US6	As a user, I setup the model through with help of instructions given in manual	I can setup the model with the help of instruction in manual	medium	Sprint-2
Farmers	Internet access	US7	As a user, I buy internet access from the provider	I buy internet access from the provider	High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Farmers	Power supply	US8	As a user , I ensure the proper power supply for the setup	I ensure the sufficient power supply for the setup	High	Sprint-2
Farmers	Irrigation control monitoring	US9	As a user, I check the irrigation level through the smart farming application	I monitor the water level in the soil through the application	High	Sprint -2
Farmers	Weather control monitoring	US10	As a user, I check the weather condition through the application	I check the condition of the weather and take the prior actions	High	Sprint -2
Farmers	Animal invasion monitoring	US11	As a user, I get a alert system if the animals enter into the field	I get the alert sound if there is invasion of animals	High	Sprint -2
Farmers	Soil monitoring	US12	As a user, I get live details of the soil regarding the condition of the soil	I get live details of the soil regarding the condition of the soil from the application	High	Sprint -2
Application Administrator	Functioning of application	US13	As a user, I check the errors in application	I check whether the application does not make any problem	Medium	Sprint 1
Application Manager	Monitoring of Application	US14	As a user, I check well-functioning of the application	I check the proper functioning of application	High	Sprint -2