

Project Design Phase-II

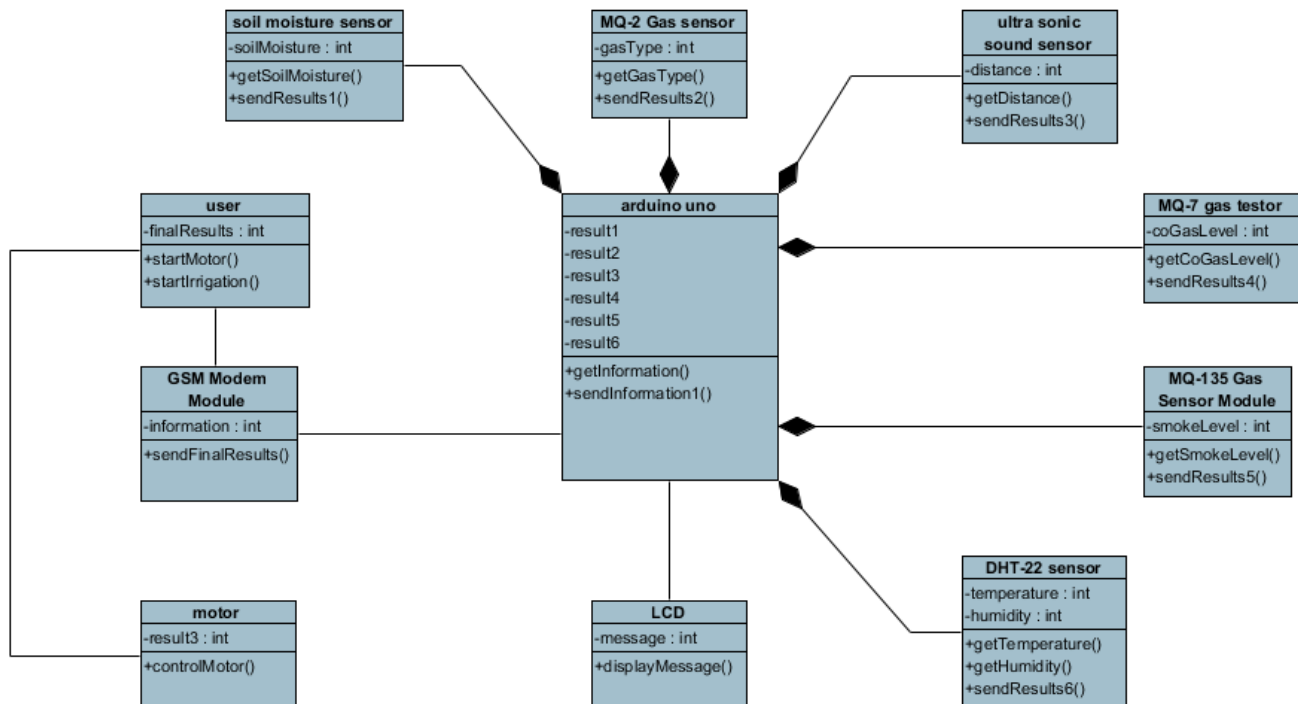
Data Flow Diagram & User Stories

Date	16 October 2022
Team ID	PNT2022TMID17444
Project Name	IOT Based smart crop protection system for agriculture
Maximum Marks	4 Marks

Data Flow Diagrams:

The classic visual representation of how information moves through a system is a Data Flow Diagram (DFD). A tidy and understandable DFD can graphically represent the appropriate quantity of the system demand. It demonstrates how information enters and exits the system, what modifies the data, and where information is kept.

Example: DFD Level 0 (Industry Standard)



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 (farmer user)	Data Collecting	USN-1	IOT based Smart farming	Sensing and storing agricultural data	High	Sprint-1
		USN-2	Extract Data from Sources	Data management using research and methodologies	High	Sprint-1
	Data Supervision and Management	USN-3	Transform data into proper format	Agricultural environmental indicator monitoring	Medium	Sprint-2
Customer (Farming Staffs)		USN-4	Effective Environmental Indicators	Crop Productivity Analysis and Drought Prediction	Medium	Sprint-3
		USN-5	Performance Evaluation of Proposed system	Availability of a dashboard for farm employees	High	Sprint-3
		USN-6	Mobile App for Farming Staffs			